FEDERAL ITEM IDENTIFICATION GUIDE

BATTERIES

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Commander

Defense Logistics Information Service

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BY ORDER OF THE DIRECTOR

/s/

Commander

Defense Logistics Information Service

Contents

GENERAL INFORMATION

1. Purpose and Scope

This Federal Item Identification Guide (FIIG) is a self-contained document for the collection, coding, transmittal, and retrieval of item characteristics and related supply management data for an item of supply for logistical use. This FIIG is to be used to describe items of supply identified by the index of approved item names appearing in this section.

2. Contents

This FIIG is comprised of the following:

Index of Approved Item Names Covered by this FIIG
Applicability Key Index
Section I - Item Characteristics Data Requirements
Section III - New text that should be here.
Appendix A - Reply Tables
Appendix B - Reference Drawing Groups (as applicable)
Appendix C - Technical Data Tables (as applicable)

a. Index of Approved Item Names Covered by this FIIG:

The index lists the approved item names with definitions and item name codes as they appear in Cataloging Handbook H6, applicable to this FIIG. In addition, each name entry is assigned an applicability key for use in relating the characteristics requirements in Section I to the specific item name.

b. Applicability Key Index:

The purpose of this index is to provide the user with a ready reference for determining the specific requirements which are applicable to a given approved item name. This index lists all requirements in sequence as they appear in the FIIG. The applicability of a Master Requirement Coded requirement is indicated by the column headed by the specific item name applicability key as follows:

(1) The letter "X" indicates the requirement must be answered for a full descriptive item.

(2) The letters "AR" indicate the requirement is to be answered as required by (1) instructional notes within the FIIG; (2) when the reply is predicated on replies to a related main requirement; or (3) when an asterisk (*) is used in conjunction with the applicability key column in Section I.

(3) A blank in the column indicates the requirement is not applicable to the specific item name.

c. Section I - Item Characteristics Data Requirements:

This section contains the physical and performance characteristics requirements needed to describe and identify an item of supply. These characteristics differentiate one item from all other items of supply and are to be used to meet the needs of all supported functions. This section is arranged in columns. Identification of each column and instructions pertinent thereto are as follows:

(1) Applicability Key:

The first column shows the applicability key(s) for each requirement. It indicates whether the requirement need be satisfied for the item being identified. "ALL" indicates that the requirement must be answered for all items covered by the FIIG. One or more alphabetic character(s) or group of one or more alphabetic characters indicates a response is required when describing items with an approved item name or names represented by the key(s). An asterisk (*) used in conjunction with any applicability key indicates that the characteristic stated in the requirement may not be applicable to all items covered by the FIIG.

(2) Master Requirement Codes (MRC):

A four-position code which is assigned to a FIIG requirement for identification of the requirement, cross-referencing requirements in the various sections and appendices of the FIIG, and for mechanized processing and retrieval of FIIG generated data. Absence of a MRC for a requirement indicates a lead-in to requirements with individual MRCs in Appendix B.

(a) The coding technique for providing MULTIPLE/OPTIONAL responses will not be used for a Section I requirement assigned Mode Code A or L that leads to Appendix B sketches with dimensional requirements.

(b) Identified Secondary Address Coding:

This technique is for extending the Master Requirement Code so that a unique address is provided for each application of the requirement in relation to the item and is authorized only as instructed within the requirement. Responses coded through this technique will always consist of the following: (1) Master Requirement Codes, (2) indicator code (a single numeric character determined by the number of positions contained), (3) identified secondary address code (1 to 3-digit alphabetic codes determined by the number of predicted replies), (4) the mode code, (5) the reply code and/or clear text response, and (6) end with a record separator (*). Steps (1) through (6) are repeated for each application of the requirement.

(c) AND/OR coding:

A technique for extending the Master Requirement Code to provide a distinctive address for multiple responses to the same requirement. Responses coded through this technique will always consist of (1) Master Requirement Code, (2) mode code, (3) the response or reply code (as instructed by the requirement), (4) a single dollar sign ($) for an OR condition, or a double dollar sign ($$) for an AND condition, (5) the mode code, (6) the response or reply code

(followed by conditions (4) through (6) for each of the multiple responses) and (7) end with a record separator (*). NOTE: Apply this technique only when instructed by the requirement sample reply (e.g.).

(3) Mode Code:

A one-position alphabetic code that specifies the manner in which a response will be prepared. Each requirement assigned a MRC is also assigned a mode code. Sample replies follow each FIIG requirement displaying the proper construction of a response for the assigned mode code. The response to a requirement will always be prepared in accordance with the assigned mode code and sample reply except in the following instances:

(a) Use of E Mode Code replies is not authorized. If a reply needed to describe an item is not listed in the applicable table, contact the FIIG Initiator.

(b) Mode Code K may not be used for any requirement unless instructed by the requirement instructions.

(4) Requirement:

This portion includes the characteristics data elements and data use identifiers required to identify and differentiate one item of supply from another, narrative definitions, and explanations as to use and method of expression. Instructions for coding and preparing replies are also provided.

(5) Reply Code:

A code that represents an established authorized reply to a requirement.

d. Section III - Supplementary Technical and Supply Management Data:

This section includes those characteristics requirements necessary to support specific logistics functions other than National Stock Number assignment.

e. Appendix A - Reply Tables:

Tables of authorized replies to requirements and reply codes when the tables are too lengthy for inclusion in Section I/III, when applicable.

f. Appendix B - Reference Drawings:

This appendix contains representative illustrations which portray specific variations of one or more generic characteristics. If reference drawings contain requirements pages to be used in conjunction with illustrations for dimensioning purposes, the requirements pages will contain Master Requirement Codes, mode codes, and a statement of the requirement. A response to requirements on a requirements page is necessary only for those Master Requirement Codes applicable to the illustration selected.

g. Appendix C - Technical Data Tables:

This appendix contains conversion charts and similar data pertinent to the requirements in Section I/III, when applicable.

3. Enter administrative MRC CLQL immediately following the last FIIG requirement reply, as instructed below:

MRC	Mode Code	Requirement	Example
CLQL	G	COLLOQUIAL NAME (common usage name by which an item is known)	CLQLGWOVEN WIRE CLOTH*

4. Special Instructions and Indicator Definitions

a. Measurements:

Unless otherwise indicated within a requirement example, enter all measurements in decimal form, carried to the nearest three decimal places, with a minimum of one digit preceding the decimal. For SI (metric), enter all measurements with a minimum of one digit before and after the decimal. For fraction to decimal conversion, see Appendix C.

b. Indicators:

A cross hatch (#) following an AIN, MRC, Reply Code or Drawing Number indicates for "ALL EXCEPT USA" use only.

5. Indexes

a. Index of Data Requirements

This index is arranged in alphabetic sequence by Master Requirement Code, cross-referenced to the applicable data requirement and page number(s).

b. Index of Approved Item Names

This index is arranged in alphabetic sequence referenced to Applicability Key.

c. Applicability Key Index

This index is arranged in Applicability Key Sequence.

6. Maintenance

Requests for revisions and other changes will be directed to:

[Page Break]

MRC Index

INDEX OF APPROVED ITEM NAMES COVERED BY THIS FIIG

Approved Item Name	INC	App Key

Battery

1. (Electrical) A device for producing electromotive force by electrochemical reaction.

BATTERY ASSEMBLY	00152	BA

Two or more batteries on a common mounting or mounted on each other. They must be separable and each item must be capable of functioning in accordance with its given item name.

BATTERY ASSEMBLY, TRAINING	00153	BA

An item identical in configuration to a BATTERY ASSEMBLY. It is designed for use in training procedures associated with assembly and/or disassembly of a weapon or other battery powered item(s). Excludes DUMMY BATTERY ASSEMBLY and BATTERY ASSEMBLY.

BATTERY BOX	06460	CC

A closed structure, with or without a cover, designed to contain a specific number of battery jars or batteries. See also TRAY, BATTERY.

BATTERY COMPARTMENT, VIEWER INFRARED	41499	CB

A hollow cylindrical or rectangular item designed to house the batteries required for the functioning of a VIEWER INFRARED.

BATTERY FILLER, GRAVITY	04922	EB

A device designed to contain and introduce water or electrolyte into a battery by gravity feed.

BATTERY FILLER, SYRINGE	13239	EA

An item utilizing a flexible bulb or a piston specifically designed to introduce water or electrolyte into a battery. Excludes items with specific gravity measuring devices. See also BATTERY FILLER, GRAVITY.

BATTERY (1), NONRECHARGEABLE	35499	AA

A battery, composed of two or more cells forming a single unit, which is not rechargeable and whose electrolyte generally is not in fluid from. For batteries which are rechargeable, see BATTERY (1), STORAGE. For items which are composed of a single cell, see CELL BATTERY. Excludes BATTERY, WATER-ACTIVATED.

Approved Item Name	INC	App Key
BATTERY (1), STORAGE	00013	AD

A battery, composed of two or more cells forming a single unit, which may or may not be readily separable and which may be efficiently recharged by sending an electric current through the cells in a direction opposite that of the discharging current. The item may be furnished with integral charging facilities. For items which are composed of a single cell see CELL BATTERY.

BATTERY, THERMAL	60096	AA

An item consisting of primary cell(s), electrically connected to produce an electromotive force by electrochemical action. The item is a nonrechargeable battery that is completely inert until it is activated by a heating process which melts the electrolyte.

BATTERY, WATER ACTIVATED	00725	AB

An item composed of primary cells electrically connected to produce an electromotive force by means of electrochemical action. It contains the electrolyte and requires the addition of or immersion in water before it is usable.

BATTERY (1), WET, PRIMARY	08404	AC

An item consisting of one or more primary cells constructed to produce an electromotive force by electrochemical action. It is not efficiently rechargeable and requires the addition of electrolyte in fluid form to become usable. Excludes BATTERY, WATER ACTIVATED; BATTERY, DRY; and BATTERY, STORAGE.

BIAS CELL	00097	AA

An item specifically designed to maintain a difference of potential between the cathode and control grid of an electron tube by means of the action of an electrolyte on two electrodes. It is not designed to supply an electrical current.

CELL, BATTERY	41945	AA

A single electrolytic cell for producing electromotive force by electrochemical reaction.

DUMMY BATTERY ASSEMBLY	60426	BC

An item designed to occupy the space of a BATTERY ASSEMBLY. It does not have electrical characteristics.

ELECTRODE ASSEMBLY, BATTERY	07553	BB

The positive and negative plate groups and separators required for installation in one cell of a battery. May include cell cover, seal nuts, gaskets, and filler cap.

FRAME, SOLAR PANEL	66826	AE

An open or inclosed frame structure designed to accomodate (but does not include) a solar panel.

Approved Item Name	INC	App Key
JAR, BATTERY	00760	CD

An item specifically designed to inclose one or more electrode assemblies and the required electrolyte for a battery. May be compartmented. See also TRAY, BATTERY.

LINER, BATTERY BOX-BATTERY TRAY	21283	FA

A nonmetallic item usually made of or lined with resilient material and resistant to battery electrolyte. It is used as a cushion or insulation or both and may be designed to protect the box or tray against electrolyte leakage.

RACK, BATTERY	06228	GA

An open frame structure upon which one or more batteries are placed. Generally designed for fixed battery installations. May have rails other than those upon which batteries are placed or other devices to prevent movement of the batteries. May include a cover.

SEPARATOR, BATTERY PLATE	04601	CA

An item designed to be placed between the plates of a storage battery to prevent short circuiting while permitting the free circulation of the electrolyte.

SOLAR CELL	38181	AE

A semiconductor device which converts light rays directly into electrical power. For devices which are responsible to visible energy in a passive form, see also SEMICONDUCTOR DEVICE, PHOTO.

SOLAR CELL ASSEMBLY	38182	AE

Two or more SOLAR CELLS mounted on a common mounting or mounted on each other. The solar cells must be separable and each solar cell must be a fully functional unit. For solar cells permanently cased to form a single unit, see SOLAR CELL PANEL. Excludes SEMICONDUCTOR DEVICE ASSEMBLY.

SOLAR CELL PANEL	38183	AE

Two or more individually distinct SOLAR CELLS permanently cased to form a single functional unit. For separable units, see SOLAR CELL ASSEMBLY.

SOLAR CELL PANEL ASSEMBLY	38184	AE

Two or more SOLAR CELL PANELS mounted on a common mounting or mounted on each other. The solar cell panels must be separable and each solar cell panel must be a fully functional unit. Excludes SEMICONDUCTOR DEVICE ASSEMBLY and SOLAR CELL ASSEMBLY.

TRAY, BATTERY	06226	CB

An open structure designed to contain a specific number of battery jars or batteries. For closed structure items, with or without a cover, see BATTERY BOX. See also RETAINER, BATTERY.

Approved Item Name	INC	App Key
VENT TUBE, BATTERY	20882	DA

A hollow tubular item designed to fit an opening in a battery to permit the escape of gases. For item designed to cap a vent hole used to fill the battery, see FILLER CAP, BATTERY.

APPLICABILITY KEY INDEX

	AA	AB	AC	AD	AE
NAME	X	X	X	X	X
AFKS	AR	AR	AR	AR	AR
AEXT	AR		AR	AR	
ELEC	X	X	X	X	X
AQGJ	AR	AR	AR	AR	AR
AQGK	AR	AR	AR	AR	
AQGL	AR	AR	AR	AR	
AQHE		AR		AR	
AQGM		AR		AR	
AQGN				AR	
ABJH				AR	
SHPE	X				X
AQGP	X		X	X	
AARA	X	X	X	X	X
AARB	AR	AR	AR	AR	AR
AFRA	AR	AR	AR	AR	AR
AARD	AR	AR	AR	AR	AR
AFKA	AR	AR	AR	AR	AR
APXH	AR	X		AR	AR
AQGQ		X	X	X	
AQGR		X		X	
ARGW		AR		AR	
AQGS		AR		X	
ADTC		X		X	
ABMK	AR	AR	AR	AR	AR
ADAV	AR	AR	AR	AR	AR
ABFY	AR	AR	AR	AR	AR
ABHP	AR	AR	AR	AR	AR
ADUM	AR	AR	AR	AR	AR
ABKW	AR	AR	AR	AR	AR
ADTV		X	X	X	
CWFH				X	
ADQC				AR	
AHZV				AR	
AQGW		AR			
AQGX		AR			
AQGY		AR			
AQGZ		AR			
AQHA		AR			
AQHB		AR			
AQHC		X			
AQHD			X	X	
AFJS				AR	
AQHF				X	
AQHG				X	
AGEB				X	
AQHH				X	
AQHJ				X	

AKWA	AR				
AKWB	AR				
CWYQ #	AR				
FEAT	AR	AR	AR	AR	AR
TEST	AR	AR	AR	AR	AR
SPCL	AR	AR	AR	AR	AR
ZZZK	AR	AR	AR	AR	AR
ZZZT	AR	AR	AR	AR	AR
ZZZW	AR	AR	AR	AR	AR
ZZZX	AR	AR	AR	AR	AR
ZZZY	AR	AR	AR	AR	AR
CRTL	AR	AR	AR	AR	AR
PRPY	AR	AR	AR	AR	AR
ENAC	AR	AR	AR	AR	AR
ELRN	AR	AR	AR	AR	AR
ELCD	AR	AR	AR	AR	AR
AGAV	AR	AR	AR	AR	AR
ALCD	AR	AR	AR	AR	AR
AFJK	AR	AR	AR	AR	AR
PRMT	AR	AR	AR	AR	AR
PMWT	AR	AR	AR	AR	AR
PMLC	AR	AR	AR	AR	AR
BBRG	AR	AR	AR	AR	AR
SUPP	AR	AR	AR	AR	AR
ZZZP	AR	AR	AR	AR	AR
ZZZV	AR	AR	AR	AR	AR

	BA	BB	BC
NAME	X	X	X
AEXR	X		X
AQHK	AR		
AQHL	AR		
AQHM	AR		
ADJH	AR		
ALBY		X	
AEXT		AR	
AQHN		X	
AQHP		X	
AGNQ		X	
ADEC		X	
ADTC		X	
ABMK	AR	AR	AR
ADAV	AR	AR	AR
ABFY	AR	AR	AR
ABHP	AR	AR	AR
ADUM	AR	AR	AR
ABKW	AR	AR	AR
AKYN		AR	AR
FEAT	AR	AR	AR
TEST	AR	AR	AR
SPCL	AR	AR	AR
ZZZK	AR	AR	AR
ZZZT	AR	AR	AR
ZZZW	AR	AR	AR
ZZZX	AR	AR	AR
ZZZY	AR	AR	AR
CRTL	AR	AR	AR
PRPY	AR	AR	AR
ENAC	AR	AR	AR
ELRN	AR	AR	AR
ELCD	AR	AR	AR
AGAV	AR	AR	AR
ALCD	AR	AR	AR
AFJK	AR	AR	AR
PRMT	AR	AR	AR
PMWT	AR	AR	AR
PMLC	AR	AR	AR
BBRG	AR	AR	AR
SUPP	AR	AR	AR
ZZZP	AR	AR	AR
ZZZV	AR	AR	AR

	CA	CB	CC	CD
NAME	X	X	X	X
MATL	X	X	X	X
AQHQ		AR	AR	
AQHR		AR	AR	
AQHS			AR	
AFPV		X	AR	AR
ABRY	AR	AR	AR	AR
HGTH	AR	AR	AR	AR
ABMZ	AR	AR	AR	AR
ABGL	AR	AR	AR	AR
AEJZ	AR	AR	AR	AR
AQHT		X	X	
AFER				AR
AAZB			X	
ABAM			AR	
AERU		AR		
AFJS		AR	AR	
ABFY	AR	AR	AR	AR
ABHP	AR	AR	AR	AR
ADUM	AR	AR	AR	AR
ABKW	AR	AR	AR	AR
ABMK	AR	AR	AR	AR
ADAV	AR	AR	AR	AR
AQHW	AR			
FEAT	AR	AR	AR	AR
TEST	AR	AR	AR	AR
SPCL	AR	AR	AR	AR
ZZZK	AR	AR	AR	AR
ZZZT	AR	AR	AR	AR
ZZZW	AR	AR	AR	AR
ZZZX	AR	AR	AR	AR
ZZZY	AR	AR	AR	AR
CRTL	AR	AR	AR	AR
PRPY	AR	AR	AR	AR
ENAC	AR	AR	AR	AR
ELRN	AR	AR	AR	AR
ELCD	AR	AR	AR	AR
AGAV	AR	AR	AR	AR
ALCD	AR	AR	AR	AR
AFJK	AR	AR	AR	AR
PRMT	AR	AR	AR	AR
PMWT	AR	AR	AR	AR
PMLC	AR	AR	AR	AR
BBRG	AR	AR	AR	AR
SUPP	AR	AR	AR	AR
ZZZP	AR	AR	AR	AR
ZZZV	AR	AR	AR	AR

	DA
NAME	X
MATL	X
FLEX	AR
ABHP	AR
AQHX	AR
AQHY	AR
ACJL	AR
AQHZ	AR
AQJA	AR
AQJB	AR
AQJC	AR
AQMR	AR
AQMS	AR
AQMT	X
ADAV	X
FEAT	AR
TEST	AR
SPCL	AR
ZZZK	AR
ZZZT	AR
ZZZW	AR
ZZZX	AR
ZZZY	AR
CRTL	AR
PRPY	AR
ENAC	AR
ELRN	AR
ELCD	AR
AGAV	AR
ALCD	AR
AFJK	AR
PRMT	AR
PMWT	AR
PMLC	AR
BBRG	AR
SUPP	AR
ZZZP	AR
ZZZV	AR

	EA	EB
NAME	X	X
AQNG	X	
AEVW	X	
ALSX	X	
AQNH	X	X
NTAA #	X	X
AHSA	X	X
AQNJ	X	X
AQNK	X	X
SHPE	AR	AR
ABMK	AR	AR
ADAV	AR	AR
ABFY	AR	AR
ABHP	AR	AR
ADUM	AR	AR
ABKW	AR	AR
FEAT	AR	AR
TEST	AR	AR
SPCL	AR	AR
ZZZK	AR	AR
ZZZT	AR	AR
ZZZW	AR	AR
ZZZX	AR	AR
ZZZY	AR	AR
CRTL	AR	AR
PRPY	AR	AR
ENAC	AR	AR
ELRN	AR	AR
ELCD	AR	AR
AGAV	AR	AR
ALCD	AR	AR
AFJK	AR	AR
PRMT	AR	AR
PMWT	AR	AR
PMLC	AR	AR
BBRG	AR	AR
SUPP	AR	AR
ZZZP	AR	AR
ZZZV	AR	AR

	FA
NAME	X
MATL	X
SURF	AR
SHPE	X
ABKV	AR
ADJV	AR
ADJW	AR
AFMW	AR
ABNM	AR
AARX	AR
ADJU	AR
ADJT	AR
AFEF	AR
ADJH	AR
FEAT	AR
TEST	AR
SPCL	AR
ZZZK	AR
ZZZT	AR
ZZZW	AR
ZZZX	AR
ZZZY	AR
CRTL	AR
PRPY	AR
ENAC	AR
ELRN	AR
ELCD	AR
AGAV	AR
ALCD	AR
AFJK	AR
PRMT	AR
PMWT	AR
PMLC	AR
BBRG	AR
SUPP	AR
ZZZP	AR
ZZZV	AR

	GA
NAME	X
AQNL	X
ADNM	X
AHWB	AR
AETA	X
ABFY	AR
ABHP	AR
ADUM	AR
ABKW	AR
ABMK	AR
ADAV	AR
AQHT	X
FEAT	AR
TEST	AR
SPCL	AR
ZZZK	AR
ZZZT	AR
ZZZW	AR
ZZZX	AR
ZZZY	AR
CRTL	AR
PRPY	AR
ENAC	AR
ELRN	AR
ELCD	AR
AGAV	AR
ALCD	AR
AFJK	AR
PRMT	AR
PMWT	AR
PMLC	AR
BBRG	AR
SUPP	AR
ZZZP	AR
ZZZV	AR

[Page Break]

Body

SECTION: A

APP Key	MRC	Mode Code	Requirements
ALL			
	NAME	D	ITEM NAME

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code from the index appearing in the General Information Section. (e.g., NAMED00013*)

ALL*

AFKS	D	COMMERCIAL BATTERY SIZE DESIGNATION

Definition: THE COMMERCIAL DESIGNATION OF THE BATTERY SIZE.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AFKSDM*)

REPLY CODE	REPLY (AD57)
Q	A
M	AA
R	AAA
S	AAAA
N	C
P	D
T	6 VOLT
U	9 VOLT
V	12 VOLT

AA*, AC*, AD*

AEXT	D	BATTERY ELECTROLYTE

Definition: THE COMPOSITION OF THE ELECTROLYTE USED IN THE BATTERY.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AEXTDB*; AEXTDB$DC*)

APP
Key MRC Mode Code Requirements

REPLY CODE	REPLY (AD52)
B	ACID
C	ALKALINE
Q	AMMONIUM CHLORIDE
A	ANY ACCEPTABLE
V	CARBON ZINC
R	CUPROUS CHLORIDE
E	LEAD ACID
N	LITHIUM
S	MAGNESIUM BROMIDE
T	MAGNESIUM PERCHLORATE
F	POTASSIUM HYDRATE
G	POTASSIUM HYDROXIDE
P	SALINE
H	SILICA-GEL
U	SILVER CHLORIDE

NOTE FOR MRCS ELEC, AQGJ, AQGK, AND AQGL: FOR MULTIPLE REPLIES, USE AND CODING ($$) ENTERING IN ASCENDING SEQUENCE.

ALL (See Note Above)

ELEC B VOLTAGE IN VOLTS

Definition: THE TOTAL ELECTRICAL VOLTAGE.

Reply Instructions: Enter the numeric value. (e.g., ELECB12.0; ELECB220.0$$B440.0*)*

ALL* (See Note Preceding MRC ELEC)

AQGJ B TAP VOLTAGE IN VOLTS

Definition: THE TOTAL ELECTRICAL VOLTAGE OF THE TAP(S) ON THE ITEM, EXPRESSED IN VOLTS.

Reply Instructions: Enter the numeric value. (e.g., AQGJB1.5; AQGJB8.4$$B9.6*)*

APP
Key MRC Mode Code Requirements

AA*, AB*, AC*, AD* (See Note Preceding MRC ELEC)

AQGK B AMPERE HOUR CAPACITY

Definition: THE AMOUNT OF ELECTRICAL ENERGY THE ITEM IS RATED TO DELIVER.

Reply Instructions: Enter the numeric value. (e.g., AQGKB40.00; AQGKB0.05$$B0.09*)*

NOTE FOR MRC AQGL: IF A REPLY IS ENTERED FOR MRC AQGK, REPLY TO MRC AQGL.

AA*, AB*, AC*, AD* (See Note Above and Preceding MRC ELEC)

AQGL B TIME CAPACITY IN HOURS

Definition: THE SPECIFIED TIME AT WHICH THE CAPACITY OF THE ITEM IS RATED, EXPRESSED IN HOURS.

Reply Instructions: Enter the numeric value. (e.g., AQGLB8.75; AQGLB2.00$$B2.50*)*

AB*, AD*

AQHE B DISCHARGE RATE IN AMPS

Definition: THE AMOUNT OF ELECTRICAL ENERGY THE ITEM IS RATED TO DISCHARGE, EXPRESSED IN AMPERES.

Reply Instructions: Enter the numeric value. (e.g., AQHEB25.75*)

NOTE FOR MRC AQGM: IF A REPLY IS ENTERED FOR MRC AQHE, REPLY TO MRC AQGM.

AB*, AD* (See Note Above)

AQGM B DISCHARGE TIME IN MINUTES

APP Key	MRC	Mode Code	Requirements

Definition: THE SPECIFIED TIME AT WHICH THE DISCHARGE OF THE ITEM IS RATED, EXPRESSED IN MINUTES.

Reply Instructions: Enter the numeric value. (e.g., AQGMB60.0*)

AD*

AQGN B LOW TEMP AMPERE HOUR CAPACITY

Definition: THE AMOUNT OF ELECTRICAL ENERGY THE ITEM IS RATED TO DELIVER AT A GIVEN LOW TEMPERATURE.

Reply Instructions: Enter the numeric value. (e.g., AQGNB20.0*)

NOTE FOR MRC ABJH: IF A REPLY IS ENTERED FOR MRC AQGN, REPLY TO MRC ABJH.

AD* (See Note Above)

ABJH J TEMP RATING

Definition: A VALUE WHICH EXPRESSES THE DEGREE OF HEAT OR COLD AS APPLIED TO THE OPERATION, OR LIMITATION OF OPERATION, OF AN ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., ABJHJC300.0*)

REPLY CODE	REPLY (AB36)
C	DEG CELSIUS (centigrade)
F	DEG FAHRENHEIT

AA, AE

SHPE D SHAPE

Definition: THE PHYSICAL CONFIGURATION OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., SHPEDBM*; SHPEDRT$DFX*)

REPLY CODE	REPLY (AD07)
Z	ANY ACCEPTABLE
AN	CYLINDRICAL

APP Key	MRC	Mode Code	Requirements
		BM	OBLONG
		CT	OCTANGONAL
		RT	RECTANGULAR
		FX	RECTANGULAR W/CORNER OPTIONAL
		FY	RECTANGULAR W/DIAGONAL CORNERS
		FZ	RECTANGULAR W/ROUNDED CORNERS
		GA	RECTANGULAR W/SLOPING SIDE

AA, AC, AD

AQGP J APPROXIMATE SHELF LIFE

Definition: THE APPROXIMATE SHELF LIFE (STORAGE TIME) OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., AQGPJHR8.0*)

REPLY CODE	REPLY (AH68)
HR	HOURS
MN	MINUTES
MH	MONTHS
YR	YEARS

ALL

AARA A TERMINAL QUANTITY

Definition: THE NUMBER OF TERMINALS FOR PROVIDING ELECTRICAL CONNECTION TO THE ITEM.

Reply Instructions: Enter the quantity excluding dummy terminals. (e.g., AARAA2*)

For multiple types, use AND Coding. (e.g., AARAA1$$A2)*

ALL*

AARB D TERMINAL TYPE

Definition: INDICATES THE TYPE OF TERMINALS FOR PROVIDING ELECTRICAL CONNECTION TO THE ITEM.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 4. (e.g., AARBDBX*; AARBDGW$DKQ*)

For multiple replies, use AND coding entering in the same sequence as MRC AARA. (e.g., AARBDGW$$DKQ)*

NOTE FOR MRCS AFRA, AARD, AND AFKA: IF REPLY CODE BX IS ENTERED FOR MRC AARB, REPLY TO MRCS AFRA AND AARD. IF REPLY CODE KG IS ENTERED FOR MRC AARB, REPLY TO MRC AFKA.

ALL* (See Note Above)

AFRA A CONTACT QUANTITY

Definition: THE NUMBER OF CONTACTS WHICH PROVIDE ELECTRICAL CONNECTION.

Reply Instructions: Enter the quantity. (e.g., AFRAA2*)

ALL* (See Note Preceding MRC AFRA)

AARD A DUMMY TERMINAL QUANTITY

Definition: THE NUMBER OF TERMINALS THAT DO NOT PROVIDE ELECTRICAL CONNECTION TO THE ITEM.

Reply Instructions: Enter the quantity. (e.g., AARDA2*)

ALL* (See Note Preceding MRC AFRA)

AFKA J WIRING PROVISION LENGTH

Definition: THE MEASUREMENT OF EACH WIRING PROVISION OF AN ITEM TAKEN FROM THE BODY TO THE ENDS OF THE WIRING PROVISION, INCLUDING ANY TERMINATIONS.

Reply Instructions: Enter the applicable Reply Codes from Tables 1, 2, and 3 below, followed by the numeric value. (e.g., AFKAJAAF8.0*; AFKAJABF101.6$$JACF105.6*; AFKAJLAF101.6*)

APP
Key MRC Mode Code Requirements

For each different leads, use AND coding. (e.g., AFKAJAAC24.0; AFKAJAAB17.5$$JAAB18.0*; AFKAJLAB17.5$$JLAB18.0*; AFKAJABB17.5$$JACB18.0*

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

Table 3

REPLY CODE	REPLY (AE17)
C	NEGATIVE LEAD (-)
F	NONSPECIFIED LEAD
B	POSITIVE LEAD (+)

AA*, AB, AD*, AE*

APXH D TERMINAL LOCATION

Definition: THE POSITION OF THE TERMINAL(S) FOR MAKING CONNECTION TO AN ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., APXHDABA*; APXHDABB$$DABD*; APXHDABD$DACZ*)

REPLY CODE	REPLY (AJ91)
ABA	BOTTOM
ABB	END
ACZ	SIDE
ABD	TOP
ADG	TOP AT EACH END

APP Key	MRC	Mode Code	Requirements

AB, AC, AD

AQGQ A CELL QUANTITY

Definition: THE NUMBER OF CELLS CONTAINED IN THE ITEM.

Reply Instructions: Enter the quantity. (e.g., AQGQA6*)

AB, AD

AQGR D PLATE MATERIAL

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH THE PLATE(S) IS FABRICATED, EXCLUDING ANY SURFACE TREATMENT.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 1. (e.g., AQGRDZN0000*; AQGRDZN0000$$DZNAF00*; AQGRDZN0000$DZNAF00*)

AB*, AD*

ARGW D PLATE TYPE

Definition: THE TYPE OF PLATE PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ARGWDAB*; ARGWDAB$$DAC*; ARGWDAB$DAC*)

REPLY CODE	REPLY (AG39)
AB	NEGATIVE
AC	POSITIVE

AB*, AD

AQGS A PLATE QUANTITY PER CELL

Definition: THE NUMBER OF PLATES IN A CELL.

Reply Instructions: Enter the quantity. (e.g., AQGSA33*)

AB, AD

ADTC D SEPARATOR MATERIAL

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH THE SEPARATOR IS FABRICATED.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 1. (e.g., ADTCDRC0000*; ADTCDRC0000$$DPC0000$DWD0000*)

ALL*

ABMK J OVERALL WIDTH

Definition: AN OVERALL MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF AN ITEM, IN DISTINCTION FROM THICKNESS.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABMKJAA2.500*; ABMKJLA63.5*; ABMKJAB3.500$$JAC4.000*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

ADAV J OVERALL DIAMETER

Definition: A MEASUREMENT OF THE LONGEST STRAIGHT LINE ACROSS A CIRCULAR CROSS-SECTIONAL PLANE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ADAVJAA2.400*; ADAVJLA73.2*; ADAVJAB3.500$$JAC4.000*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM

APP Key	MRC	Mode Code	Requirements
		C	MAXIMUM

ALL*

ABFY J OVERALL DEPTH

Definition: AN OVERALL MEASUREMENT BETWEEN SPECIFIED POINTS OF AN ITEM, IN DISTINCTION FROM HEIGHT.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABFYJAA2.400*; ABFYJLA68.4*; ABFYJAB3.500$$JAC4.000*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

ABHP J OVERALL LENGTH

Definition: THE DIMENSION MEASURED ALONG THE LONGITUDINAL AXIS WITH TERMINATED POINTS AT THE EXTREME ENDS OF THE ITEM.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABHPJAA8.000*; ABHPJLA62.3*; ABHPJAB3.500$$JAC4.000*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
C	MAXIMUM
B	MINIMUM

APP Key	MRC	Mode Code	Requirements
		A	NOMIMAL

ALL*

ADUM J OVERALL THICKNESS

Definition: AN OVERALL MEASUREMENT OF THE SMALLEST DIMENSION OF AN ITEM, IN DISTINCTION FROM LENGTH OR WIDTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ADUMJAA2.500*; ADUMJLA64.7*; ADUMJAB3.500$$JAC4.000*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

ABKW J OVERALL HEIGHT

Definition: THE DISTANCE MEASURED IN A STRAIGHT LINE FROM THE BOTTOM TO THE TOP OF AN ITEM.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABKWJAA2.500*; ABKWJLA67.2*; ABKWJAB3.500$$JAC4.000*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMTERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM

APP Key	MRC	Mode Code	Requirements
		C	MAXIMUM

AB, AC, AD

ADTV D CASE MATERIAL

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH THE CASE IS FABRICATED, EXCLUDING ANY SURFACE TREATMENT.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 1. (e.g., ADTVDPC0000*; ADTVDPC0000$$DRC0000$DWD0000*)

AD

CWFH D CASE DESIGN TYPE

Definition: INDICATES THE TYPE OF DESIGN WHICH DESCRIBES THE CASE.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CWFHDB*)

REPLY CODE	REPLY (AP20)
B	FILLING PLUG OPENINGS
C	SEALED (Maintenance Free)

AD*

ADQC D VENTILATION DESIGN TYPE

Definition: INDICATES THE TYPE OF DESIGN PROVIDED FOR VENTILATION OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ADQCDK*)

REPLY CODE	REPLY (AC53)
K	VENTED FILLER CAPS
L	VENTING ACCOMPLISHED THRU DESIGN

NOTE FOR MRC AHZV: IF REPLY CODE K IS ENTERED FOR MRC ADQC, REPLY TO MRC AHZV.

APP
Key MRC Mode Code Requirements

AD* (See Note Above)

AHZV D SUBMERSIBILITY

Definition: AN INDICATION OF WHETHER OR NOT AN ITEM IS CAPABLE OF OPERATION WHILE SUBMERGED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AHZVDAB*; AHZVDAB$DAC*)

REPLY CODE	REPLY (AG86)
AC	NONSUBMERSIBLE
AB	SUBMERSIBLE

AB*

AQGW A CELL QUANTITY PER TRAY

Definition: THE NUMBER OF CELLS PER TRAY.

Reply Instructions: Enter the quantity. (e.g., AQGWA3*)

NOTE FOR MRCS AQGX, AQGY, AQGZ, AQHA, AND AQHB: REPLY TO MRCS AQGX, AQGY, AQGZ, AQHA, AND AQHB IF THE ITEM IS COMPOSED OF INDIVIDUAL CELL UNITS.

AB* (See Note Above)

AQGX J CELL OVERALL HEIGHT

Definition: THE DISTANCE MEASURED IN A STRAIGHT LINE FROM THE BOTTOM TO THE TOP OF THE CELL.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AQGXJAA2.500*; AQGXJLA67.1*; AQGXJAB3.500$$JAC4.000*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)

APP Key	MRC	Mode Code	Requirements
		A	NOMINAL
		B	MINIMUM
		C	MAXIMUM

AB* (See Note Preceding MRC AQGX)

AQGY J CELL OVERALL DEPTH

Definition: AN OVERALL MEASUREMENT BETWEEN SPECIFIED POINTS OF A CELL, IN DISTINCTION FROM HEIGHT.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AQGYJAA2.400*; AQGYJLA64.3*; AQGYJAB2.800$$JAC3.750*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

AB* (See Note Preceding MRC AQGX)

AQGZ J CELL OVERALL LENGTH

Definition: THE DIMENSION MEASURED ALONG THE LONGITUDINAL AXIS WITH TERMINATED POINTS AT THE EXTREME ENDS OF THE CELL.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AQGZJAA8.000*; AQGZJLA64.7*; AQGZJAB2.750$$JAC3.125*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)

APP Key	MRC	Mode Code	Requirements
		A	NOMINAL
		B	MINIMUM
		C	MAXIMUM

AB* (See Note Preceding MRC AQGX)

AQHA J CELL OVERALL WIDTH

Definition: AN OVERALL MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF A CELL, IN DISTINCTION FROM THICKNESS.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AQHAJAA2.500*; AQHAJLA66.5*; AQHAJAB3.125$$JAC3.875*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

AB* (See Note Preceding MRC AQGX)

AQHB J CELL OVERALL DIAMETER

Definition: A MEASUREMENT OF THE LONGEST STRAIGHT LINE ACROSS A CIRCULAR CROSS-SECTIONAL PLANE OF THE CELL.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AQHBJAA2.400*; AQHBJLA63.2*; AQHBJAB3.500$$JAC4.000*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)

APP Key	MRC	Mode Code	Requirements
		A	NOMINAL
		B	MINIMUM
		C	MAXIMUM

AB

AQHC D SERVICE METHOD

Definition: THE MEANS USED TO SERVICE THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AQHCDAAB*; AQHCDAAC$$DAAD*; AQHCDAAC$DAAD*)

REPLY CODE	REPLY (AL06)
AAC	FILLING W/WATER
AAD	IMMERSION IN SEA WATER
AAB	IMMERSION IN WATER

AC, AD

AQHD D NONSPILLING FEATURE

Definition: AN INDICATION OF WHETHER OR NOT A NONSPILLING FEATURE IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AQHDDB*; AQHDDC$DB*)

REPLY CODE	REPLY (AN31)
B	INCLUDED
C	NOT INCLUDED

AD*

AFJS D PORTABILITY METHOD

Definition: THE MEANS, OTHER THAN A CARRYING CASE, PROVIDED FOR MOVEMENT OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 2. (e.g., AFJSDAH*; AFJSDBE$$DBF*; AFJSDBE$DBF*)

APP Key	MRC	Mode Code	Requirements

AD

AQHF D CHARGE INDICATOR

Definition: AN INDICATION OF WHETHER OR NOT A CHARGE INDICATOR IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AQHFDB*; AQHFDB$DC*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

AD

AQHG D ELECTROLYTE LEVEL INDICATOR

Definition: AN INDICATION OF WHETHER OR NOT AN ELECTROLYTE LEVEL INDICATOR IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AQHGDB*; AQHGDB$DC*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

AD

AGEB D FORDING FEATURE

Definition: AN INDICATION OF WHETHER OR NOT A FEATURE IS INCLUDED FOR THE ITEM TO BE OPERATED IN A SPECIFIED DEPTH OF WATER WITHOUT MALFUNCTION.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AGEBDB*; AGEBDB$DC*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

APP Key	MRC	Mode Code	Requirements

AD

AQHH D STORAGE/SHIPMENT CONDITION

Definition: THE CONDITION OF THE ITEM WHEN STORED AND/OR SHIPPED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AQHHDAAB*; AQHHDAAB$DAAC*)

REPLY CODE	REPLY (AL09)
AAB	DRY CHARGED
AAC	DRY UNCHARGED
AAF	MOIST CHARGED
AAD	WET CHARGED (Includes Maintenance Free)
AAG	WET DISCHARGED (Electrolyte In Battery)

AD

AQHJ D INTEGRAL CHARGING FACILITY

Definition: AN INDICATION OF WHETHER OR NOT AN INTEGRAL CHARGING FACILITY IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AQHJDB*; AQHJDB$DC*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

AA*

AKWA G JOINT ELECTRONICS TYPE DESIGNATION SYSTEM ITEM NAME

Definition: THE NAME ASSIGNED TO THE ITEM BY THE JOINT ELECTRONICS TYPE DESIGNATION SYSTEM.

Reply Instructions: Enter the reply in clear text. (e.g., AKWAGPUBLIC ADDRESS SET*)

APP Key	MRC	Mode Code	Requirements
AA*			
	AKWB	G	JOINT ELECTRONICS TYPE DESIGNATION SYSTEM ITEM TYPE NUMBER

Definition: THE TYPE NUMBER ASSIGNED TO THE ITEM BY THE JOINT ELECTRONICS TYPE DESIGNATION SYSTEM.

Reply Instructions: Enter the reply in clear text. (e.g., AKWBGAN/TIPIA*)

APP Key	MRC	Mode Code	Requirements
AA*			
	CWYQ #	J	TYPE DESIGNATION SYSTEM ITEM TYPE NUMBER

Definition: THE TYPE NUMBER ASSIGNED TO THE ITEM AND THE TYPE DESIGNATION SYSTEM.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the alpha-numeric designation. (e.g., CWYQJBARNBA009*)

REPLY CODE	REPLY (AJ50)
BAR	FRENCH
GGU	INTERNATIONAL ELECTRONICS COMMISSION (IEC)
BDB	NORTH ATLANTIC TREATY ORGANIZATION (NATO)

SECTION: B

APP Key	MRC	Mode Code	Requirements
ALL			
	NAME	D	ITEM NAME
	Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.		
	Reply Instructions: Enter the applicable Item Name Code from the index appearing in the General Information Section. (e.g., NAMED00152*)		
BA, BC			
	AEXR	A	BATTERY QUANTITY
	Definition: THE NUMBER OF BATTERIES REQUIRED FOR OPERATION.		
	Reply Instructions: Enter the quantity. (e.g., AEXRA6*)		
BA*			
	AQHK	G	COMPONENT CONTROLLING AGENCY
	Definition: THE NAME OF THE GOVERNMENT AGENCY OR COMMERCIAL ORGANIZATION THAT CONTROLS THE COMPONENT.		
	Reply Instructions: Enter the controller's name. (e.g., AQHKGSIGNAL CORPS*)		
BA*			
	AQHL	G	COMPONENT NAME
	Definition: THE NAME OF THE COMPONENT ASSIGNED BY THE CONTROLLING AGENCY.		
	Reply Instructions: Enter the name of the component. (e.g., AQHLGDRY BATTERY*)		
BA*			
	AQHM	J	COMPONENT IDENTIFYING NUMBER
	Definition: THE SPECIFIC NUMBER USED TO IDENTIFY THE COMPONENT.		
	Reply Instructions: Enter the applicable Reply Code from the table below, followed by the identifying number.		

APP Key	MRC	Mode Code	Requirements

(e.g., AQHMJABSN-C-193656*;

AQHMJABN314C415$$JAD354CF*;

AQHMJABN314C415$JAD354CF*)

REPLY CODE	REPLY (AG99)
AB	DRAWING NO.
AD	PART NO.
AE	SERIAL NO.
AF	TYPE NO.

BA*

ADJH D MOUNTING METHOD

Definition: THE MEANS OF ATTACHING THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ADJHDDK*; ADJHDDK$$DPL*; ADJHDDK$DPL*)

REPLY CODE	REPLY (AB89)
MR	BOX
DK	CASE
PL	CRADLE
LW	FLOOR
PM	TRAY

BB

ALBY D USAGE DESIGN

Definition: INDICATES THE DESIGNED USE OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ALBYDACC*; ALBYDACB$DACC*)

REPLY CODE	REPLY (AH21)
ACB	PRIMARY BATTERY
ACC	SECONDARY BATTERY

APP Key	MRC	Mode Code	Requirements

NOTE FOR MRC AEXT: IF REPLY CODE ACC IS ENTERED FOR MRC ALBY, REPLY TO MRC AEXT.

BB* (See Note Above)

AEXT D BATTERY ELECTROLYTE

Definition: THE COMPOSITION OF THE ELECTROLYTE USED IN THE BATTERY.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AEXTDB*; AEXTDB$DC*)

REPLY CODE	REPLY (AD52)
B	ACID
C	ALKALINE

BB

AQHN A NEGATIVE PLATE QUANTITY

Definition: THE NUMBER OF NEGATIVE PLATES INCLUDED IN THE ITEM.

Reply Instructions: Enter the quantity. (e.g., AQHNA10*)

BB

AQHP A POSITIVE PLATE QUANTITY

Definition: THE NUMBER OF POSITIVE PLATES INCLUDED IN THE ITEM.

Reply Instructions: Enter the quantity. (e.g., AQHPA10*)

BB

AGNQ J PLATE LENGTH

Definition: A MEASUREMENT OF THE LONGEST DIMENSION OF A PLATE, IN DISTINCTION FROM WIDTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AGNQJAA5.125*; AGNQJLA127.4*; AGNQJAB2.495$$JAC2.503*)

Table 1

APP Key	MRC	Mode Code	Requirements

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

BB

ADEC J PLATE WIDTH

Definition: A MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF A PLATE, IN DISTINCTION FROM THICKNESS.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ADECJAA4.875*; ADECJLA116.7*; ADECJAB3.250$$JAC4.125*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

BB

ADTC D SEPARATOR MATERIAL

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH THE SEPARATOR IS FABRICATED.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 1. (e.g., ADTCDWD0000*; ADTCDPC0000$$DRC0000$DWD0000*)

ALL*

APP Key	MRC	Mode Code	Requirements
	ABMK	J	OVERALL WIDTH

Definition: AN OVERALL MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF AN ITEM, IN DISTINCTION FROM THICKNESS.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABMKJAA2.500*; ABMKJLA62.7*; ABMKJAB3.125$$JAC4.250*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

	ADAV	J	OVERALL DIAMETER

Definition: A MEASUREMENT OF THE LONGEST STRAIGHT LINE ACROSS A CIRCULAR CROSS-SECTIONAL PLANE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ADAVJAA2.400*; ADAVJLA66.7*; ADAVJAB3.875$$JAC4.500*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

APP Key	MRC	Mode Code	Requirements
	ABFY	J	OVERALL DEPTH

Definition: AN OVERALL MEASUREMENT BETWEEN SPECIFIED POINTS OF AN ITEM, IN DISTINCTION FROM HEIGHT.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABFYJAA2.400*; ABFYJLA64.5*; ABFYJAB3.125$$JAC3.875*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

	ABHP	J	OVERALL LENGTH

Definition: THE DIMENSION MEASURED ALONG THE LONGITUDINAL AXIS WITH TERMINATED POINTS AT THE EXTREME ENDS OF THE ITEM.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABHPJAA8.000*; ABHPJLA203.2*; ABHPJAB3.750$$JAC4.125*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

APP Key	MRC	Mode Code	Requirements
	ADUM	J	OVERALL THICKNESS

Definition: AN OVERALL MEASUREMENT OF THE SMALLEST DIMENSION OF AN ITEM, IN DISTINCTION FROM LENGTH OR WIDTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ADUMJAA2.500*; ADUMJLA64.3*; ADUMJAB3.125$$JAC3.375*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

	ABKW	J	OVERALL HEIGHT

Definition: THE DISTANCE MEASURED IN A STRAIGHT LINE FROM THE BOTTOM TO THE TOP OF AN ITEM.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABKWJAA2.500*; ABKWJLA67.5*; ABKWJAB2.875$$JAC3.125*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

BB*, BC*

APP Key	MRC	Mode Code	Requirements
	AKYN	G	FURNISHED ITEMS AND QUANTITY

Definition: THE NAME AND NUMBER OF THOSE PARTS FURNISHED WITH THE ITEM OF SUPPLY THAT HAVE NOT BEEN SPECIFIED ELSEWHERE.

Reply Instructions: Enter the reply in clear text. (e.g., AKYNG1 COVER, CELL*)

Separate multiple replies with a semicolon. (e.g., AKYNG2 ROD SUPPORTS; 3 TUBE CAPS*)

SECTION: C

APP Key	MRC	Mode Code	Requirements
ALL			
	NAME	D	ITEM NAME
	Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.		
	Reply Instructions: Enter the applicable Item Name Code from the index appearing in the General Information Section. (e.g., NAMED04601*)		
ALL			
	MATL	D	MATERIAL
	Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH AN ITEM IS FABRICATED, EXCLUDING ANY SURFACE TREATMENT.		
	Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 1. (e.g., MATLDAL0000*; MATLDAL0000$$DRC0000$DWD0000*)		
CB*, CC*			
	AQHQ	A	BATTERY JAR ACCOMMODATION QUANTITY
	Definition: THE NUMBER OF BATTERY JARS THE ITEM IS DESIGNED TO ACCOMMODATE.		
	Reply Instructions: Enter the quantity. (e.g., AQHQA2*)		
CB*, CC*			
	AQHR	A	BATTERY ACCOMMODATION QUANTITY
	Definition: THE NUMBER OF BATTERIES THE ITEM IS DESIGNED TO ACCOMMODATE.		
	Reply Instructions: Enter the quantity. (e.g., AQHRA2*)		
CC*			
	AQHS	A	TRAY ACCOMMODATION QUANTITY
	Definition: THE NUMBER OF TRAYS THE ITEM IS DESIGNED TO ACCOMMODATE.		

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the quantity. (e.g., AQHSA2*)

CB, CC*, CD*

AFPV A COMPARTMENT QUANTITY

Definition: THE NUMBER OF COMPARTMENTS FORMED BY PARTITIONS.

Reply Instructions: Enter the quantity. (e.g., AFPVA2*)

ALL*

ABRY J LENGTH

Definition: A MEASUREMENT OF THE LONGEST DIMENSION OF ANY OBJECT, IN DISTINCTION FROM WIDTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABRYJAA0.250*; ABRYJLA8.6*; ABRYJAB0.245$$JAC0.255*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

HGTH J HEIGHT

Definition: A MEASUREMENT FROM THE BOTTOM TO THE TOP OF AN OBJECT, IN DISTINCTION FROM DEPTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., HGTHJAA0.250*; HGTHJLA9.2*; HGTHJAB0.245$$JAC0.256*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES

APP Key	MRC	Mode Code	Requirements
		L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

ABMZ J DIAMETER

Definition: THE LENGTH OF A STRAIGHT LINE WHICH PASSES THROUGH THE CENTER OF A CIRCULAR FIGURE OR BODY, AND TERMINATES AT THE CIRCUMFERENCE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABMZJAA2.400*; ABMZJLA62.7*; ABMZJAB3.125$$JAC3.500*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

ABGL J WIDTH

Definition: A MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF AN ITEM, IN DISTINCTION FROM THICKNESS.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABGLJAA30.000*; ABGLJLA760.5*; ABGLJAB30.000$$JAC60.000*)

Table 1

REPLY CODE	REPLY (AA05)

APP Key	MRC	Mode Code	Requirements
		A	INCHES
		L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

AEJZ J DEPTH

Definition: A LINEAR MEASUREMENT FROM THE SURFACE TO A SPECIFIED INNER POINT ON AN ITEM, IN DISTINCTION FROM HEIGHT.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AEJZJAA0.026*; AEJZJLA8.7*; AEJZJAB0.025$$JAC0.036*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

CB, CC

AQHT D COVER

Definition: AN INDICATION OF WHETHER OR NOT A COVER IS PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AQHTDB*; AQHTDB$DC*)

REPLY CODE	REPLY (AB22)
C	NOT PROVIDED
B	PROVIDED

APP Key	MRC	Mode Code	Requirements

CD*

AFER D COVER TYPE

Definition: INDICATES THE TYPE OF COVER AS DISTINGUISHED BY ITS PARTICULAR DESIGN.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AFERDAW*; AFERDAW$$DAX$DAY*)

REPLY CODE	REPLY (AD99)
AW	CEMENTED
AX	CLAMP
AY	SCREW
AZ	SEALED
BA	W/GROUND TOP

CC

AAZB D HEATING EQUIPMENT

Definition: HEATING EQUIPMENT WHICH MAY BE INSTALLED ON THE ITEM TO FACILITATE EXTREME COLD WEATHER OPERATION.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AAZBDA*; AAZBDA$DB*)

REPLY CODE	REPLY (AN33)
A	INCLUDED
B	NOT INCLUDED

NOTE FOR MRC ABAM: IF REPLY CODE A IS ENTERED FOR MRC AAZB, REPLY TO MRC ABAM.

CC* (See Note Above)

ABAM D HEAT MEDIUM TYPE

Definition: INDICATES THE HEAT MEDIUM TYPE FOR WHICH THE UNIT IS DESIGNED.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ABAMDD*; ABAMDD$$DE*; ABAMDD$DE*)

REPLY CODE	REPLY (AA94)
D	AIR
E	ELECTRIC

CB*

AERU D HANDLING FACILITY TYPE

Definition: INDICATES THE TYPE OF PROVISIONS FURNISHED WHICH AID IN PUSHING, PULLING, OR TRANSPORTING THE ITEM.

Reply Instructions: Enter the Reply Code from the table below. (e.g., AERUDAP*)

REPLY CODE	REPLY (AD28)
AP	SKID

CB*, CC*

AFJS D PORTABILITY METHOD

Definition: THE MEANS, OTHER THAN A CARRYING CASE, PROVIDED FOR MOVEMENT OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 2. (e.g., AFJSDAH*; AFJSDBE$$DBF$DBB*)

ALL*

ABFY J OVERALL DEPTH

Definition: AN OVERALL MEASUREMENT BETWEEN SPECIFIED POINTS OF AN ITEM, IN DISTINCTION FROM HEIGHT.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABFYJAA2.400*; ABFYJLA64.7*; ABFYJAB3.500$$JAC4.000*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES

APP Key	MRC	Mode Code	Requirements
		L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

ABHP J OVERALL LENGTH

Definition: THE DIMENSION MEASURED ALONG THE LONGITUDINAL AXIS WITH TERMINATED POINTS AT THE EXTREME ENDS OF THE ITEM.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABHPJAA8.000*; ABHPJLA203.2*; ABHPJAB3.375$$JAC4.250*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

ADUM J OVERALL THICKNESS

Definition: AN OVERALL MEASUREMENT OF THE SMALLEST DIMENSION OF AN ITEM, IN DISTINCTION FROM LENGTH OR WIDTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ADUMJAA2.500*; ADUMJLA67.2*; ADUMJAB3.875$$JAC4.125*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES

APP Key	MRC	Mode Code	Requirements
		L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

ABKW J OVERALL HEIGHT

Definition: THE DISTANCE MEASURED IN A STRAIGHT LINE FROM THE BOTTOM TO THE TOP OF AN ITEM.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABKWJAA2.500*; ABKWJLA63.3*; ABKWJAB3.125$$JAC3.375*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

ABMK J OVERALL WIDTH

Definition: AN OVERALL MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF AN ITEM, IN DISTINCTION FROM THICKNESS.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABMKJAA2.500*; ABMKJLA62.4*; ABMKJAB3.125$$JAC3.750*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES

APP Key	MRC	Mode Code	Requirements
		L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

ADAV J OVERALL DIAMETER

Definition: A MEASUREMENT OF THE LONGEST STRAIGHT LINE ACROSS A CIRCULAR CROSS-SECTIONAL PLANE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ADAVJAA2.400*; ADAVJLA63.4*; ADAVJAB3.125$$JAC3.375*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

CA*

AQHW D CORRUGATED SURFACE LOCATION

Definition: INDICATES THE LOCATION OF THE CORRUGATED SURFACE ON THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AQHWDADC*; AQHWDADC$DADD*)

REPLY CODE	REPLY (AJ91)
ADC	BOTH SIDES
ADD	ONE SIDE

FIIG T
Section Parts

APP Key	MRC	Mode Code	Requirements

SECTION: D

APP Key	MRC	Mode Code	Requirements
ALL			
	NAME	D	ITEM NAME

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code from the index appearing in the General Information Section. (e.g., NAMED20882*)

ALL			
	MATL	D	MATERIAL

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH AN ITEM IS FABRICATED, EXCLUDING ANY SURFACE TREATMENT.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 1. (e.g., MATLDAL0000*; MATLDSTD000$$DAL0000$DCU0000*)

ALL*			
	FLEX	D	FLEXIBILITY

Definition: FLEXIBLE, CAPABLE OF BEING BENT, TURNED, OR TWISTED, WITHIN LIMITS, WITHOUT BREAKING, OR RIGID, RESISTING CHANGE OF FORM, INFLEXIBLE.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., FLEXDA*; FLEXDA$DB*)

REPLY CODE	REPLY (AD03)
A	FLEXIBLE
B	RIGID (includes straight)

ALL*			
	ABHP	J	OVERALL LENGTH

Definition: THE DIMENSION MEASURED ALONG THE LONGITUDINAL AXIS WITH TERMINATED POINTS AT THE EXTREME ENDS OF THE ITEM.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABHPJAA8.000*; ABHPJLA203.3*; ABHPJAB3.125$$JAC3.875*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

AQHX G END PROCESSING

Definition: THE END PROCESSING, SUCH AS FLARED, THREADED, UNDERCUT, OR THE LIKE, ON THE ITEM.

Reply Instructions: Enter the reply in clear text. (e.g., AQHXGTHREADED, 1.188 IN. LONG, 2.375 IN.-12 THD*)

ALL*

AQHY G END PROCESSING DIMENSION

Definition: THE DIMENSION(S), SUCH AS LENGTH, DIAMETER, DEGREES, OR THE LIKE, OF THE END PROCESSING.

Reply Instructions: Enter the reply in clear text. (e.g., AQHYG0.160 IN. BY 0.178 IN. MINIMUM, 0.198 IN. MAXIMUM*)

ALL*

ACJL B BEND ANGLE IN DEG

Definition: THE ANGULAR MEASUREMENT BY WHICH ONE PART/SECTION OF A RIGID ITEM DEVIATES FROM A STRAIGHT LINE PROJECTION OF AN ADJACENT PART/SECTION, EXPRESSED IN DEGREES.

Reply Instructions: Enter the numeric value. (e.g., ACJLB90.0*)

APP Key	MRC	Mode Code	Requirements
ALL*			
	AQHZ	J	LENGTH FROM BEND CENTER TO LONG LEG END

Definition: THE DIMENSION MEASURED ALONG THE LONGITUDINAL AXIS FROM THE CENTER OF THE BEND TO THE END OF THE LONG LEG.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AQHZJAA1.500*; AQHZJLA47.3*; AQHZJAB1.375$$JAC1.625*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

	AQJA	G	LONG LEG END PROCESSING

Definition: THE END PROCESSING ON THE LONG LEG, SUCH AS FLARED, THREADED, UNDERCUT, OR THE LIKE.

Reply Instructions: Etner the reply in clear text. (e.g., AQJAGBY BRAZING WASHER ON LEG*)

ALL*

	AQJB	G	LONG LEG PROCESSING DIMENSION

Definition: THE DIMENSION(S), SUCH AS LENGTH, DIAMETER, DEGREES, OR THE LIKE, OF THE LONG LEG PROCESSING.

Reply Instructions: Enter the reply in clear text. (e.g., AQJBG1.000 IN. LONG BY 0.562 IN. DIA*)

ALL*

APP Key	MRC	Mode Code	Requirements
	AQJC	J	LENGTH FROM BEND CENTER TO SHORT LEG END

Definition: THE DIMENSION MEASURED ALONG THE LONGITUDINAL AXIS FROM THE CENTER OF THE BEND TO THE SHORT LEG END.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AQJCJAA1.000*; AQJCJLA26.2*; AQJCJAB0.750$$JAC0.875*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

	AQMR	G	SHORT LEG END PROCESSING

Definition: THE END PROCESSING ON THE SHORT LEG, SUCH AS FLARED, THREADED, UNDERCUT, OR THE LIKE.

Reply Instructions: Enter the reply in clear text. (e.g., AQMRGCOUNTERBORED*)

ALL*

	AQMS	G	SHORT LEG PROCESSING DIMENSION

Definition: THE DIMENSION(S), SUCH AS LENGTH, DIAMETER, DEGREES, OR THE LIKE, OF THE SHORT LEG PROCESSING.

Reply Instructions: Enter the reply in clear text. (e.g., AQMSG0.625 IN. LONG BY 0.531 IN. DIA*)

ALL

	AQMT	J	VENT HOLE DIAMETER

APP Key	MRC	Mode Code	Requirements

Definition: THE LENGTH OF A OR STRAIGHT LINE WHICH PASSES THROUGH THE CENTER OF THE VENT HOLE, AND TERMINATES AT THE CIRCUMFERENCE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AQMTJAA0.125*; AQMTJLA11.3*; AQMTJAB0.065$$JAC0.125*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL

ADAV J OVERALL DIAMETER

Definition: A MEASUREMENT OF THE LONGEST STRAIGHT LINE ACROSS A CIRCULAR CROSS-SECTIONAL PLANE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ADAVJAA2.400*; ADAVJLA63.4*; ADAVJAB3.375$$JAC3.500*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

SECTION: E

APP Key	MRC	Mode Code	Requirements
ALL			
	NAME	D	ITEM NAME

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code from the index appearing in the General Information Section. (e.g., NAMED13239*)

EA			
	AQNG	D	SYRINGE TYPE

Definition: INDICATES THE TYPE OF SYRINGE.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AQNGDAD*; AQNGDAD$DAG*)

REPLY CODE	REPLY (AG24)
AD	BULB
AG	PISTON

EA			
	AEVW	D	BULB MATERIAL

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH THE BULB IS FABRICATED.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 1. (e.g., AEVWDRC0000*; AEVWDRC0000$$DGS0000$DPC0000*)

EA			
	ALSX	D	CYLINDER MATERIAL

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH THE CYLINDER IS FABRICATED, EXCLUDING ANY SURFACE TREATMENT.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 1. (e.g., ALSXDRC0000*; ALSXDGS0000$$DPC0000$DRC0000*)

APP Key	MRC	Mode Code	Requirements
ALL			
	AQNH	B	FLUID CAPACITY IN OUNCES

Definition: THE AMOUNT OF FLUID THE ITEM IS DESIGNED TO HOLD, EXPRESSED IN OUNCES.

Reply Instructions: Enter the numeric value. (e.g., AQNHB6.0*)

ALL

NTAA #	B	FLUID CAPACITY IN MILLILITERS

Definition: THE AMOUNT OF FLUID THE ITEM IS DESIGNED TO HOLD, EXPRESSED IN MILLILITERS.

Reply Instructions: Enter the numeric value. (e.g., NTAAB20.0*)

ALL

AHSA	D	TUBING MATERIAL

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH THE TUBING IS FABRICATED, EXCLUDING ANY SURFACE TREATMENT.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 1. (e.g., AHSADRC0000*; AHSADGS0000$$DPC0000$DRC0000*)

ALL

AQNJ	J	TUBE NOZZLE END DIAMETER

Definition: THE LENGTH OF A STRAIGHT LINE WHICH PASSES THROUGH THE CENTER OF THE TUBE AT THE NOZZLE END, AND TERMINATES AT THE CIRCUMFERENCE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AQNJJAA2.500*; AQNJJLA64.2*; AQNJJAB1.125$$JAC1.250*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

APP Key	MRC	Mode Code	Requirements

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL

AQNK D TUBE FLEXIBILITY

Definition: AN INDICATION OF THE FLEXIBILITY OF THE TUBE.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AQNKDB*; AQNKDA$DB*)

REPLY CODE	REPLY (AD03)
A	FLEXIBLE
B	RIGID

NOTE FOR MRC SHPE: IF REPLY CODE B IS ENTERED FOR MRC AQNK, REPLY TO MRC SHPE.

ALL* (See Note Above)

SHPE D SHAPE

Definition: THE PHYSICAL CONFIGURATION OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., SHPEDBK*; SHPEDGH$DBK*)

REPLY CODE	REPLY (AD07)
GH	BENT
BK	STRAIGHT

ALL*

ABMK J OVERALL WIDTH

Definition: AN OVERALL MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF AN ITEM, IN DISTINCTION FROM THICKNESS.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABMKJAA2.500*; ABMKJLA64.3*; ABMKJAB3.125$$JAC3.875*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

ADAV J OVERALL DIAMETER

Definition: A MEASUREMENT OF THE LONGEST STRAIGHT LINE ACROSS A CIRCULAR CROSS-SECTIONAL PLANE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ADAVJAA2.400*; ADAVJLA61.2*; ADAVJAB3.125$$JAC3.250*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

ABFY J OVERALL DEPTH

Definition: AN OVERALL MEASUREMENT BETWEEN SPECIFIED POINTS OF AN ITEM, IN DISTINCTION FROM HEIGHT.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABFYJAA2.400*; ABFYJLA61.6*; ABFYJAB3.375$$JAC3.625*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

ABHP J OVERALL LENGTH

Definition: THE DIMENSION MEASURED ALONG THE LONGITUDINAL AXIS WITH TERMINATED POINTS AT THE EXTREME ENDS OF THE ITEM.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABHPJAA8.000*; ABHPJLA204.3*; ABHPJAB7.625$$JAC7.875*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

ADUM J OVERALL THICKNESS

Definition: AN OVERALL MEASUREMENT OF THE SMALLEST DIMENSION OF AN ITEM, IN DISTINCTION FROM LENGTH OR WIDTH.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ADUMJAA2.500*; ADUMJLA65.2*; ADUMJAB2.625$$JAC2.750*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

ABKW J OVERALL HEIGHT

Definition: THE DISTANCE MEASURED IN A STRAIGHT LINE FROM THE BOTTOM TO THE TOP OF AN ITEM.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABKWJAA2.500*; ABKWJLA64.7*; ABKWJAB2.875$$JAC3.125*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

SECTION: F

APP Key	MRC	Mode Code	Requirements
ALL			
	NAME	D	ITEM NAME

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code from the index appearing in the General Information Section. (e.g., NAMED21283*)

ALL			
	MATL	D	MATERIAL

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH AN ITEM IS FABRICATED, EXCLUDING ANY SURFACE TREATMENT.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 1. (e.g., MATLDAL0000*; MATLDAL0000$$DRCAAG0$DRC0000*)

ALL*			
	SURF	D	SURFACE TREATMENT

Definition: CONSISTS OF PLATING, DIP, AND/OR COATING THAT CANNOT BE WIPED OFF. PLATING AND/OR COATING IS ANY CHEMICAL AND/OR METALLIC ADDITIVE, ELECTROCHEMICAL, OR MILD MECHANICAL PROCESS WHICH PROTECTS A SURFACE.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., SURFDRC0000*; SURFDPC0000$$DRC0000*; SURFDPC0000$DRC0000*)

REPLY CODE	REPLY (AD09)
A	ANY ACCEPTABLE
PC0000	PLASTIC
RC0000	RUBBER

ALL			
	SHPE	D	SHAPE

Definition: THE PHYSICAL CONFIGURATION OF THE ITEM.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the Reply Code from the table below. (e.g., SHPEDRT*)

REPLY CODE	REPLY (AD07)
RT	RECTANGULAR

ALL*

ABKV J OUTSIDE DIAMETER

Definition: THE LENGTH OF A STRAIGHT LINE WHICH PASSES THROUGH THE CENTER OF A CIRCULAR FIGURE OR BODY, AND TERMINATES AT THE OUTSIDE CIRCUMFERENCE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABKVJAA0.250*; ABKVJLA25.4*; ABKVJAB3.875$$JAC4.125*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

ADJV J OUTSIDE WIDTH

Definition: AN OUTSIDE MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF AN ITEM, IN DISTINCTION FROM THICKNESS.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ADJVJAA30.000*; ADJVJLA25.4*; ADJVJAB28.750$$JAC29.250*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

APP Key	MRC	Mode Code	Requirements

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

ADJW J OUTSIDE LENGTH

Definition: A MEASUREMENT OF THE LONGEST OUTSIDE DIMENSION OF AN ITEM, IN DISTINCTION FROM WIDTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ADJWJAA0.250*; ADJWJLA63.5*; ADJWJAB31.250$$JAC31.750*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

AFMW J OUTSIDE HEIGHT

Definition: AN OUTSIDE MEASUREMENT FROM THE BOTTOM TO THE TOP OF AN ITEM, IN DISTINCTION FROM DEPTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AFMWJAA2.500*; AFMWJLA67.2*; AFMWJAB3.125$$JAC3.875*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

APP Key	MRC	Mode Code	Requirements

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

ABNM J THICKNESS

Definition: A MEASUREMENT OF THE SMALLEST DIMENSION OF AN ITEM, IN DISTINCTION FROM LENGTH OR WIDTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABNMJAA2.500*; ABNMJLA67.4*; ABNMJAB3.125$$JAC3.875*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

AARX J INSIDE DIAMETER

Definition: THE LENGTH OF A STRAIGHT LINE WHICH PASSES THROUGH THE CENTER OF A CIRCULAR FIGURE OR BODY, AND TERMINATES AT THE INSIDE CIRCUMFERENCE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AARXJAA2.500*; AARXJLA62.7*; AARXJAB3.125$$JAC3.375*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES

APP Key	MRC	Mode Code	Requirements
		L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

ADJU	J	INSIDE LENGTH

Definition: A MEASUREMENT OF THE LONGEST INSIDE DIMENSION OF AN ITEM, IN DISTINCTION FROM WIDTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ADJUJAA3.500*; ADJUJLA79.2*; ADJUJAB3.375$$JAC3.625*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

ADJT	J	INSIDE WIDTH

Definition: AN INSIDE MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF AN ITEM, IN DISTINCTION FROM THICKNESS.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ADJTJAA30.000*; ADJTJLA758.2*; ADJTJAB31.375$$JAC31.625*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES

APP Key	MRC	Mode Code	Requirements
		L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

AFEF	J	INSIDE DEPTH

Definition: AN INSIDE MEASUREMENT BETWEEN SPECIFIED POINTS OF AN ITEM, IN DISTINCTION FROM HEIGHT.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AFEFJAA0.026*; AFEFJLA18.3*; AFEFJAB0.026$$JAC0.036*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

ADJH	D	MOUNTING METHOD

Definition: THE MEANS OF ATTACHING THE ITEM.

Reply Instructions: Enter the Reply Code from the table below. (e.g., ADJHDCQ*)

REPLY CODE	REPLY (AB89)
CQ	CEMENT

SECTION: G

APP Key	MRC	Mode Code	Requirements
ALL			
	NAME	D	ITEM NAME
	Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.		
	Reply Instructions: Enter the applicable Item Name Code from the index appearing in the General Information Section. (e.g., NAMED06228*)		
ALL			
	AQNL	D	STRINGER MATERIAL
	Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH THE STRINGER IS FABRICATED, EXCLUDING ANY SURFACE TREATMENT.		
	Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 1. (e.g., AQNLDWD0000*; AQNLDWD0000$$DPC0000$DRC0000*)		
ALL			
	ADNM	D	FRAME MATERIAL
	Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH THE FRAME IS FABRICATED.		
	Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 1. (e.g., ADNMDWD0000*; ADNMDWD0000$$DPC0000$DCSA000*)		
ALL*			
	AHWB	A	HORIZONTAL SPACING QUANTITY
	Definition: THE NUMBER OF HORIZONTAL SPACINGS AS RELATED TO EACH DIMENSION FROM BOTTOM TO TOP.		
	Reply Instructions: Enter the quantity. (e.g., AHWBA3*)		
ALL			
	AETA	D	HOLDER
	Definition: AN INDICATION OF WHETHER OR NOT A HOLDER IS INCLUDED.		

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AETADB*; AETADB$DC*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

ALL*

ABFY J OVERALL DEPTH

Definition: AN OVERALL MEASUREMENT BETWEEN SPECIFIED POINTS OF AN ITEM, IN DISTINCTION FROM HEIGHT.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABFYJAA2.400*; ABFYJLA64.3*; ABFYJAB3.375$$JAC4.000*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

ABHP J OVERALL LENGTH

Definition: THE DIMENSION MEASURED ALONG THE LONGITUDINAL AXIS WITH TERMINATED POINTS AT THE EXTREME ENDS OF THE ITEM.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABHPJAA8.000*; ABHPJLA203.3*; ABHPJAB8.125$$JAC8.375*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

APP Key	MRC	Mode Code	Requirements

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

ADUM J OVERALL THICKNESS

Definition: AN OVERALL MEASUREMENT OF THE SMALLLEST DIMENSION OF AN ITEM, IN DISTINCTION FROM LENGTH OR WIDTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ADUMJAA2.500*; ADUMJLA63.4*; ADUMJAB3.625$$JAC3.875*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

ABKW J OVERALL HEIGHT

Definition: THE DISTANCE MEASURED IN A STRAIGHT LINE FROM THE BOTTOM TO THE TOP OF AN ITEM.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABKWJAA2.500*; ABKWJLA64.3*; ABKWJAB3.375$$JAC3.625*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

APP Key	MRC	Mode Code	Requirements

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

ABMK J OVERALL WIDTH

Definition: AN OVERALL MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF AN ITEM, IN DISTINCTION FROM THICKNESS.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABMKJAA2.500*; ABMKJLA63.2*; ABMKJAB2.625$$JAC2.875*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

ADAV J OVERALL DIAMETER

Definition: A MEASUREMENT OF THE LONGEST STRAIGHT LINE ACROSS A CIRCULAR CROSS-SECTIONAL PLANE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ADAVJAA2.400*; ADAVJLA67.4*; ADAVJAB3.375$$JAC3.625*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

APP Key	MRC	Mode Code	Requirements

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL

AQHT D COVER

Definition: AN INDICATION OF WHETHER OR NOT A COVER IS PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AQHTDB*)

REPLY CODE	REPLY (AB22)
C	NOT PROVIDED
B	PROVIDED

SECTION: STANDARD

APP Key	MRC	Mode Code	Requirements
ALL*			
	FEAT	G	SPECIAL FEATURES

Definition: THOSE UNUSUAL OR UNIQUE CHARACTERISTICS OR QUALITIES OF AN ITEM NOT COVERED IN THE OTHER REQUIREMENTS AND WHICH ARE DETERMINED TO BE ESSENTIAL FOR IDENTIFICATION.

Reply Instructions: Enter the reply in clear text. Separate multiple replies with a semicolon. (e.g., FEATGADJUSTABLE NOSE CLIP*; FEATGADJUSTABLE NOSE PIECE; DISPOSABLE*)

ALL*			
	TEST	J	TEST DATA DOCUMENT

Definition: THE SPECIFICATION, STANDARD, DRAWING, OR SIMILAR INSTRUMENT THAT SPECIFIES ENVIRONMENTAL AND PERFORMANCE REQUIREMENTS OR TEST CONDITIONS UNDER WHICH AN ITEM IS TESTED AND ESTABLISHES ACCEPTABLE LIMITS WITHIN WHICH THE ITEM MUST CONFORM IDENTIFIED BY AN ALPHABETIC AND/OR NUMERIC REFERENCE NUMBER. INCLUDES THE COMMERCIAL AND GOVERNMENT ENTITY (CAGE) CODE OF THE ENTITY CONTROLLING THE INSTRUMENT.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the 5-position CAGE Code, a dash, and the document identification number.

(e.g., TESTJA12345-CWX654321*;

TESTJA1234A-654321$$JB5556A-663654*;

TESTJAA2345-654321$JB55566-663654*)

REPLY CODE	REPLY (AC28)
A	SPECIFICATION (Includes engineering type bulletins, brochures, etc., that reflect specification type data in specification format; excludes commercial catalogs, industry directories, and similar trade publications, reflecting general type data on certain environmental and performance requirements and test conditions that are shown as "typical," "average," "nominal," etc.)
B	STANDARD (Includes industry or association standards, individual manufacturer standards, etc.)

APP Key	MRC	Mode Code	Requirements
		C	DRAWING (This is the basic governing drawing, such as a contractor drawing, original equipment manufacturer drawing, etc.; excludes any specification, standard, or other document that may be referenced in a basic governing drawing)

ALL*

SPCL G SPECIAL TEST FEATURES

Definition: TEST CONDITIONS AND RATINGS, OR ENVIRONMENTAL AND PERFORMANCE REQUIREMENTS THAT ARE DIFFERENT, MORE CRITICAL, OR MORE SPECIFIC THAN THOSE SPECIFIED IN A GOVERNING TEST DATA DOCUMENT.

Reply Instructions: Enter the reply in clear text. (e.g., SPCLGSELECTED AND TESTED FOR NAVIGATIONAL SYSTEMS*)

ALL*

ZZZK J SPECIFICATION/STANDARD DATA

Definition: THE DOCUMENT DESIGNATOR OF THE SPECIFICATION OR STANDARD WHICH ESTABLISHED THE ITEM OF SUPPLY.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the Commercial and Government Entity (CAGE) Code of the entity controlling the document, a dash, and the document designator. The agency that controls the limited coordination document must be preceded and followed by a slash following the designator. The word canceled or superseded must be preceded and followed by a slash for the designator. Professional and industrial association specifications/standards are differentiated from a manufacturer's specification in that the data has been coordinated and published by the professional and industrial association. Include amendments and revisions where applicable.

(e.g., ZZZKJT81337-30642B*;

ZZZKJS81349-MIL-D-180 REV1/CANCELED/*;

ZZZKJP80205-NAS1103*;

ZZZKJS81349-MIL-C-1140C/CE/*;

ZZZKJT81337-30642B$$JP80205-NAS1103*)

APP Key	MRC	Mode Code	Requirements

REPLY CODE	REPLY (AN62)
S	GOVERNMENT SPECIFICATION
T	GOVERNMENT STANDARD
D	MANUFACTURERS SOURCE CONTROL
R	MANUFACTURERS SPECIFICATION
N	MANUFACTURERS SPECIFICATION CONTROL
M	MANUFACTURERS STANDARD
A	PROFESSIONAL/INDUSTRIAL ASSOCIATION SPECIFICATION
P	PROFESSIONAL/INDUSTRIAL ASSOCIATION STANDARD

NOTE FOR MRC ZZZT: IF THE SPECIFICIATION/STANDARD CITED IN REPLY TO MRC ZZZK IS NONDEFINITIVE, REPLY TO MRC ZZZT. THIS REPLY IS THE DATA WHICH IS NOT RECORDED IN SEGMENT C.

ALL* (See Note Above)

ZZZT J NONDEFINITIVE SPEC/STD DATA

Definition: THE NUMBER, LETTER, OR SYMBOL THAT INDICATES THE TYPE, STYLE, GRADE, CLASS, AND THE LIKE, OF AN ITEM IN A NONIDENTIFYING SPECIFICATION OR STANDARD.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 3, followed by the appropriate number, letter, or symbol. (e.g., ZZZTJTY1*; ZZZTJTY1$$JSTA*; ZZZTJTY1$JSTA*)

ALL*

ZZZW G DEPARTURE FROM CITED DOCUMENT

Definition: THE TECHNICAL DIFFERENTIATING CHARACTERISTIC(S) OF AN ITEM OF SUPPLY WHICH DEPART(S) FROM THE TEXT OF A SPECIFICATION OR A STANDARD IN THAT IT REPRESENTS A SELECTION OF CHARACTERISTICS STATED IN THE SPECIFICATION OR STANDARD AS BEING OPTIONAL, OR A VARIATION FROM ONE OR MORE OF THE STATED CHARACTERISTICS, OR AN ADDITIONAL CHARACTERISTIC NOT STATED IN THE SPECIFICATION OR STANDARD.

Reply Instructions: Enter the reply in clear text. (e.g., ZZZWGAS MODIFIED BY MATERIAL*)

APP Key	MRC	Mode Code	Requirements
ALL*			
	ZZZX	G	DEPARTURE FROM CITED DESIGNATOR
			Definition: THE VARIATION WHEN THE ITEM IS IN CONFORMITY WITH A TYPE DESIGNATOR COVERED BY A SPECIFICATION OR STANDARD, EXCEPT IN REGARD TO ONE OR MORE TECHNICAL DIFFERENTIATING CHARACTERISTICS.
			Reply Instructions: Enter the reply in clear text. (e.g., ZZZXGAS MODIFIED BY MATERIAL*)
ALL*			
	ZZZY	G	REFERENCE NUMBER DIFFERENTIATING CHARACTERISTICS
			Definition: A FEATURE OF THE ITEM OF SUPPLY WHICH MUST BE SPECIFICALLY RECORDED WHEN THE REFERENCE NUMBER COVERS A RANGE OF ITEMS.
			Reply Instructions: Enter the reply in clear text. (e.g., ZZZYGCOLOR CODED LEADS*; ZZZYGAS DIFFERENTIATED BY MATERIAL*)
ALL*			
	CRTL	A	CRITICALITY CODE JUSTIFICATION
			Definition: THE MASTER REQUIREMENT CODES OF THOSE REQUIREMENTS WHICH ARE TECHNICALLY CRITICAL BY REASON OF TOLERANCE, FIT, PERFORMANCE, OR OTHER CHARACTERISTICS WHICH AFFECT IDENTIFICATION OF THE ITEM.
			Reply Instructions: Enter the Master Requirement Code for the requirement, the reply to which renders the item as being critical. (e.g., CRTLAMATL*; CRTLAMATL$$ASURF*)
			Reply to this requirement only if the header record for the item identification for the item being identified has been coded as critical.
NOTE FOR MRC PRPY: IF DOCUMENT AVAILABILITY CODE B, D, F, OR H, REPLY TO MRC PRPY.			
ALL* (See Note Above)			

APP Key	MRC	Mode Code	Requirements
	PRPY	A	PROPRIETARY CHARACTERISTICS

Definition: IDENTIFICATION OF THOSE CHARACTERISTICS INCLUDED IN THE DESCRIPTION FOR WHICH A NON-GOVERNMENT ACTIVITY HAS IDENTIFIED ALL OR SELECTED CHARACTERISTICS OF THE ITEM AS BEING PROPRIETARY AND THEREFORE RESTRICTED FROM RELEASE OUTSIDE THE GOVERNMENT WITHOUT PRIOR PERMISSION OF THE ORIGINATOR OF THE DATA.

Reply Instructions: Enter the MRC codes of the individual characteristics of the description which are marked proprietary on the technical data, using AND coding ($$) for multiple characteristics. If all the MRCs are proprietary, enter the reply PACS. If none of the MRCs is proprietary, enter the reply NPAC. (e.g., PRPYAPACS*; PRPYANPAC*; PRPYAMATL$$ASURF*)

NOTE FOR MRC ENAC: ANSWERING THIS MRC WILL GENERATE AN ENAC CODE IN THE ITEM IDENTIFICATION SEGMENT (A) OF THE NSN.

ALL* (See Note Above)

	ENAC	D	ENVIRONMENTAL ATTRIBUTE CODE

Definition: INDICATES THE TYPE OF PRODUCT THAT MEETS OR EXCEEDS THE GOVERNMENT GUIDELINES FOR ENVIRONMENTALLY PREFERRED CHARACTERISTICS.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ENACDG4*)

REPLY CODE	REPLY (EN02)
G4	COMPREHENSIVE PROCUREMENT GUIDELINE - VEHICULAR PRODUCTS - REBUILT VEHICULAR PARTS

ALL*

	ELRN	G	EXTRA LONG REFERENCE NUMBER

Definition: A REFERENCE NUMBER EXCEEDING 32 POSITIONS.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the entire reference number. Do not include the 5-position Commercial and Government Entity (CAGE) Code unless there is more than one extra long reference number on the NSN, (e.g., ELRNGANN112036BIL060557LEN313605UZ62365*).

If there is more than one extra long reference number on the NSN, include the CAGE or NCAGE and separate each reference by using the "&" character, (e.g., 28480 ANN112036BIL060557LEN313605UZ62365 & S1234 NN112036BIL060557LEN313605UZ62365).

In determining quantity of characters in the reference number, count will be made after modification in accordance with Volume 2, Chapter 9, FLIS Procedures Manual, DoD 4100.39-M.

ALL*

ELCD D EXTRA LONG CHARACTERISTIC DESCRIPTION

Definition: A DESCRIPTION THAT EXCEEDS 5000 CHARACTERS.

Reply Instructions: Enter the Reply Code from the table below. (e.g., ELCDDA*)

REPLY CODE	REPLY (AN58)
A	ADDITIONAL DESCRIPTIVE DATA ON MANUAL RECORD

SECTION: SUPPTECH

APP Key	MRC	Mode Code	Requirements
ALL			
	AGAV	G	END ITEM IDENTIFICATION

Definition: THE NATIONAL STOCK NUMBER OR THE IDENTIFICATION INFORMATION OF THE END EQUIPMENT FOR WHICH THE ITEM IS A PART.

Reply Instructions: Enter the applicable reply in clear text.

(e.g, AGAVG3930-00-000-0000*;

AGAVGFORKLIFT TRUCK, SMITH CORPORATION, MODEL 12, TYPE A*)

ALL			
	ALCD	G	USAGE DESIGN

Definition: INDICATES THE DESIGNED USE OF THE ITEM.

Reply Instructions: Enter the reply in clear text. (e.g., ALCDGFOR INTEROFFICE COMMUNICATION*)

ALL			
	AFJK	J	CUBIC MEASURE

Definition: A MEASUREMENT OF VOLUME TAKEN BY MULTIPLYING THE LENGTH BY THE WIDTH BY THE HEIGHT OF AN ITEM AND RENDERED IN CUBIC UNITS.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AFJKJB6.000*; AFJKJC98.32*)

REPLY CODE	REPLY (AD42)
C	CUBIC CENTIMETERS
B	CUBIC INCHES

ALL			
	PRMT	D	PRECIOUS MATERIAL

Definition: IDENTIFICATION OF THE PRECIOUS MATERIAL CONTAINED IN THE ITEM.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., PRMTDAGA000*; PRMTDAUA000$$DAGA000*)

REPLY CODE	REPLY (MA01)
AUA000	GOLD
IRA000	IRIDIUM
AZA000	OSMIUM
PDA000	PALLADIUM
PTA000	PLATINUM
RHA000	RHODIUM
RTA000	RUTHENIUM
AGA000	SILVER

ALL

PMWT J PRECIOUS MATERIAL AND WEIGHT

Definition: AN INDICATION OF THE PRECIOUS MATERIAL CONTAINED IN THE ITEM, AND THE AMOUNT PER A MEASUREMENT SCALE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. Enter multiple replies in Table 1 sequence. (e.g., PMWTJPTA000R0.780*; PMWTJAUA000F0.500$$JAGA000R0.780*)

Table 1

REPLY CODE	REPLY (MA01)
AUA000	GOLD
IRA000	IRIDIUM
AZA000	OSMIUM
PDA000	PALLADIUM
PTA000	PLATINUM
RHA000	RHODIUM
RTA000	RUTHENIUM
AGA000	SILVER

Table 2

REPLY CODE	REPLY (AG14)
E	GRAINS, TROY
R	GRAMS
F	OUNCES, TROY

ALL

APP Key	MRC	Mode Code	Requirements
	PMLC	J	PRECIOUS MATERIAL AND LOCATION

Definition: AN INDICATION OF THE PRECIOUS MATERIAL AND ITS LOCATION IN THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the location in clear text. (e.g., PMLCJAUA000TERMINALS*; PMLCJAUA000TERMINALS$$JAGA000INTERNAL SURFACES*)

REPLY CODE	REPLY (MA01)
AUA000	GOLD
IRA000	IRIDIUM
AZA000	OSMIUM
PDA000	PALLADIUM
PTA000	PLATINUM
RHA000	RHODIUM
RTA000	RUTHENIUM
AGA000	SILVER

ALL

	BBRG	D	STORAGE TYPE

Definition: INDICATES THE TYPE OF STORAGE SPACE REQUIRED FOR AN ITEM IN ORDER TO PROVIDE THE DEGREE OF PROTECTION NECESSARY TO MAINTAIN SERVICEABILITY STANDARDS.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BBRGDAJ*; BBRGDAD$$DAL*; BBRGDAD$DAL*)

REPLY CODE	REPLY (AM81)
AD	CONTROLLED HUMIDITY WAREHOUSE
AL	TEMPERATURE CONTROLLED WAREHOUSE
AJ	UNHEATED WAREHOUSE
BE	VENTILATED WAREHOUSE

ALL

	SUPP	G	SUPPLEMENTARY FEATURES

APP Key	MRC	Mode Code	Requirements

Definition: CHARACTERISTICS OR QUALITIES OF AN ITEM, NOT COVERED IN ANY OTHER REQUIREMENT, WHICH ARE CONSIDERED ESSENTIAL INFORMATION FOR ONE OR MORE FUNCTIONS EXCLUDING NSN ASSIGNMENT.

Reply Instructions: Enter the reply in clear text. (e.g., SUPPGMAY INCL HOLE IN UPPER SUPPORT FOR MTG DURING SHIPMENT*)

ALL

ZZZP J PURCHASE DESCRIPTION IDENTIFICATION

Definition: THE CONTROLLING ACTIVITY AND IDENTIFICATION OF A DOCUMENT USED IN LIEU OF A SPECIFICATION IN THE PROCUREMENT OF AN ITEM OF SUPPLY.

Reply Instructions: Enter the 5-position Commercial and Government Entity (CAGE) Code, followed by a dash and the identifying number of the document.

(e.g., ZZZPJ81A37-30624A*)

ALL

ZZZV G FSC APPLICATION DATA

Definition: THE JUSTIFICATION FOR THE ASSIGNMENT OF A FEDERAL SUPPLY CLASS (FSC) TO AN ITEM BASED ON THE CLASSIFICATION OF THE NEXT HIGHER CLASSIFIABLE ASSEMBLY.

Reply Instructions: Enter the name of the next higher classifiable assembly in clear text. (e.g., ZZZVGFUEL SYSTEM, GASOLINE ENGINE, NONAIRCRAFT*)

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Reply Tables

Table 1 - MATERIALS

MATERIALS

REPLY CODE	REPLY (AD09)
ALC000	ALUMINUM
AL0000	ALUMINUM ALLOY
AL0571	ALUMINUM ALLOY, MIL-A-17358C, COMP 5083-CANCELED
AL0347	ALUMINUM ALLOY, QQ-A-250/5, ALLOY ALCLAD 2024, T4
AL0059	ALUMINUM ALLOY, QQ-A-250/11, ALLOY 6061
ANG000	ANODIZED, HARD
A	ANY ACCEPTABLE
	Bakelite (use Reply Code PCAAL0)
BR0000	BRASS
CD0000	CADMIUM
CDAG00	CADMIUM OXIDE
CVA000	CALCIUM LEAD
CVB000	CALCIUM LEAD ALLOY
CA0000	CARBON
CSA000	CELLULOSE
CSB000	CELLULOSIC, POROUS
KHA000	CHLORIDE, CUPROUS
DFAAK0	CLOTH, NYLON
CM0000	COBALT
CU0000	COPPER
FA0000	FABRIC
FAAA00	FABRIC, SYNTHETIC
FT0000	FELT
FB0000	FIBER
FD0000	FIBERBOARD
FG0000	FIBERGLASS
FGA000	FIBERGLASS, EPOXY
	Fiberglass, Oven Epoxy (use Reply Code FGA000)
GS0000	GLASS
FEP000	IRON, SHEET
PB0000	LEAD
PBD000	LEAD ALLOY
PBM000	LEAD, PASTED
MG0000	MAGNESIUM
MND000	MANGANESE DIOXIDE
ME0000	METAL
NF0000	NICKEL
NFAG00	NICKEL CADMIUM
NFAD00	NICKEL CADMIUM, SINTERED
NFAA00	NICKEL, CARBONYL, SINTERED
NFAB00	NICKEL HYDRATE
NFAE00	NICKEL-IRON
NFAC00	NICKEL-IRON COBALT ALLOY

REPLY CODE	REPLY (AD09)
NFC000	NICKEL OR CHROME
NFAF00	NICKEL OXIDE
NFZ000	NICKEL, SINTERED
NFT000	NICKEL STEEL
DF0160	NYLON, MIL-P-17091
PD0000	PALLADIUM
PC0000	PLASTIC
PCA000	PLASTIC, ACRYLONITRILE-BUTADIENE-STYRENE
PCCE00	PLASTIC, ARC RESISTANT
PCAAAT	PLASTIC, EPOXY RESIN
PCCCCA	PLASTIC, MICROPOROUS
PCAAL0	PLASTIC, PHENOL-FORMALDEHYDE (BAKELITE)
PCW000	PLASTIC, PHENOLIC
PCCR00	PLASTIC, POLYETHYLENE
PCAC00	PLASTIC, POLYETHYLENE TEREPHTHALATE
PCAG00	PLASTIC, POLYSTYRENE
PCCCCB	PLASTIC, POLYSTYRENE, MICROPOROUS
PW0000	PLYWOOD
RC0000	RUBBER
RCAAH0	RUBBER COMPOUND
RCAAJ0	RUBBER, FIBERGLASS
RCAZ00	RUBBER, HARD
RCAAG0	RUBBER, MICROPOROUS
RC1308	RUBBER, MIL-STD-417
RC2921	RUBBER, MIL-STD-417, TYPE R, CLASS RS, GRADE 415
RC2922	RUBBER, MIL-STD-417, TYPE S, CLASS SC, GRADE 410ABF3Z
RCAAF0	RUBBER, POROUS
RCC000	RUBBER, SYNTHETIC
RC2923	RUBBER, SYNTHETIC, MIL-R-3065, GRADE SC, 600
AG0000	SILVER
AGD000	SILVER ALLOY
AGN000	SILVER-CADMIUM ALLOY
	Silver Cadmium (use Reply Code AGN000)
AGAH00	SILVER OXIDE
AGAG00	SILVER-ZINC ALLOY
ST0000	STEEL
	Steel Casting (use Reply Code STL000)
STL000	STEEL, CAST
STB000	STEEL, CORROSION RESISTING
ST0977	STEEL, QQ-S-698
STD000	STEEL, STAINLESS
WD0000	WOOD
ZN0000	ZINC
ZNAF00	ZINC OXIDE

Table 2 - PORTABILITY METHODS
PORTABILITY METHODS

REPLY CODE	REPLY (AD28)
A	ANY ACCEPTABLE
AY	BOLT ON EAR
AZ	FIXED LIFTING EARS ON CRADLE
BA	GRIPS
BB	GRIPS, FINGERHOLE
BH	HANDLE, EACH END, FOLDING
BL	HANDLE, EACH END, RING
BJ	HANDLE, FRONT, FOLDING
AM	HANDLE, NONADJUSTABLE
BD	HANDLE ON END
BE	HANDLE ON SIDE
BF	HANDLE ON TOP
BK	HANDLE, PULL, REMOVABLE
BG	HANDLES, FLUSH FOLDING
BC	HANDLES, METAL
BM	LIFTING EAR
AH	LIFTING EYES
BN	LIFTING FLANGE
BP	LIFTING LUGS
AK	SHOULDER STRAP
BQ	SLING, ENDLESS
BR	SNAP CATCH
BS	STRAP
BT	STRAP, NYLON WEB

Table 3 - NONDEFINITIVE SPEC/STD DATA
NONDEFINITIVE SPEC/STD DATA

REPLY CODE	REPLY (AD08)
AL	ALLOY
AN	ANNEX
AP	APPENDIX
AC	APPLICABILITY CLASS
AR	ARRANGEMENT
AS	ASSEMBLY
AB	ASSORTMENT
BX	BOX
CY	CAPACITY
CA	CASE
CT	CATEGORY
CL	CLASS
CE	CODE
CR	COLOR
CC	COMBINATION CODE

REPLY CODE	REPLY (AD08)
CN	COMPONENT
CP	COMPOSITION
CM	COMPOUND
CD	CONDITION
CS	CONSTRUCTION
DE	DESIGN
DG	DESIGNATOR
DW	DRAWING NUMBER
EG	EDGE
EN	END
FY	FAMILY
FG	FIGURE
FN	FINISH
FM	FORM
FA	FORMULA
GR	GRADE
GP	GROUP
BA	IMAGE COLOR
NS	INSERT
TM	ITEM
KD	KIND
KT	KIT
LG	LENGTH
LT	LIMIT
MK	MARK
AA	MARKER
ML	MATERIAL
BB	MAXIMUM DENSITY
MH	MESH
ME	METHOD
BC	MINIMUM DENSITY
MD	MODEL
MT	MOUNTING
NR	NUMBER
PT	PART
PN	PATTERN
PC	PHYSICAL CONDITION
PS	PIECE
PL	PLAN
PR	POINT
QA	QUALITY
RN	RANGE
RT	RATING
RF	REFERENCE NUMBER
SC	SCHEDULE
SB	SECTION
SL	SELECTION
SE	SERIES

REPLY CODE	REPLY (AD08)
SV	SERVICE
SX	SET
SA	SHADE
SH	SHAPE
SG	SHEET
SZ	SIZE
PZ	SPECIES
SQ	SPECIFICATION SHEET
SD	SPEED
ST	STYLE
SS	SUBCLASS
SF	SUBFORM
SP	SUBTYPE
SN	SURFACE CONDITION
SY	SYMBOL
SM	SYSTEM
TB	TABLE
TN	TANNAGE
TP	TEMPER
TX	TEXTURE
TK	THICKNESS
TT	TREATMENT
TR	TRIM
TY	TYPE
YN	UNIT
VA	VARIETY
WT	WEIGHT
WD	WIDTH

Table 4 - TERMINAL TYPES

TERMINAL TYPES

REPLY CODE	REPLY (AA58)
A	ANY ACCEPTABLE
BH	BANANA JACK
JS	BAYONET
AA	BINDING POST
KC	BOLT
	Brass Pin (use Reply Code AM)
	Brass Strap (use Reply Code LG)
	Brass Stud (use Reply Code FX)
JT	BUTTON
KD	CABLE
KE	CABLE W/CONNECTOR PLUG
KF	CABLE W/CONNECTOR RECEPTACLE
BM	CLIP
NQ	COIL SPRING

REPLY CODE	REPLY (AA58)
KK	CONNECTOR, FEMALE
BP	CONNECTOR, PLUG
KG	CONNECTOR W/LEADS
KH	CONTACT
KJ	CRIMPED LUGS ON WIRES
NR	ELECON CONNECTOR
KL	FLAT CONTACT
KM	FLAT SPRING
KN	FLAT SURFACE
KP	FLUSH DISK
CR	INSULATED WIRE LEAD
KR	INTER-TRAY CONNECTOR
KQ	INTERNAL THREADED POST
KS	LAMP BASE
FQ	LUG
KT	LUG BOLT
KW	NUT-BOLT
AM	PIN
GT	PLUG-IN
GW	POST
KX	POST W/BOLT
KY	QUICK DISCONNECT W/LEADS
KZ	RECTANGULAR POST
BE	SCREW
LA	SNAP-ON
BX	SOCKET
HN	SOLDER TAB
HR	SPRING CLIP
LB	SQUARE POST
LC	STRAIGHT POST
LG	STRAP
FX	STUD
LD	STUD W/NUT
LE	TAP-SCREW
LF	TAPER POST
LH	TAPER POST W/WING NUT
CH	THREADED HOLE
LJ	THREADED POST
AZ	THREADED STUD
LL	THREADED STUD W/NUT
LK	TUBE PIN
LM	UNTHREADED SOCKET
LP	WING NUT
BB	WIRE LEAD
PB	WIRE LEAD, FLEXIBLE
LQ	WIRE LEAD W/MALE-FEMALE SLEEVE CONNECTOR
LN	WIRE LEAD W/SOCKET

Reference Drawing Groups

No table of contents entries found.

Technical Data Tables

STANDARD FRACTION TO DECIMAL CONVERSION CHART

4ths	8ths	16ths	32nds	64ths	To 3	To 4	4ths	8ths	16ths	32nds	64ths	To 3	To 4
				1/64	.016	.0156					33/64	.516	.5156
			1/32	-----	.031	.0312				17/32	------	.531	.5312
				3/64	.047	.0469					35/64	.547	.5469
		1/16	-----		.062	.0625			9/16	-----	-----	.562	.5625
				5/64	.078	.0781					37/64	.578	.5781
			3/32	-----	.094	.0938				19/32	------	.594	.5938
				7/64	.109	.1094					39/64	.609	.6094
	1/8	-----	-----	-----	.125	.1250		5/8	-----	-----	-----	.625	.6250
				9/64	.141	.1406					41/64	.641	.6406
			5/32	-----	.156	.1562				21/32	------	.656	.6562
				11/64	.172	.1719					43/64	.672	.6719
		3/16	-----	-----	.188	.1875			11/16	-----	-----	.688	.6875
				13/64	.203	.2031					45/64	.703	.7031
			7/32	------	.219	.2188				23/32	------	.719	.7188
				15/64	.234	.2344					47/64	.734	.7344
1/4	-----	-----	-----	-----	.250	.2500	3/4	-----	-----	-----	-----	.750	.7500
				17/64	.266	.2656					49/64	.766	.7656
			9/32	------	.281	.2812				25/32	------	.781	.7812
				19/64	.297	.2969					51/64	.797	.7969
		5/16	-----	-----	.312	.3125			13/16	-----	-----	.812	.8125
				21/64	.328	.3281					53/64	.828	.8281
			11/32	------	.344	.3438				27/32	------	.844	.8438
				23/64	.359	.3594					55/64	.859	.8594
	3/8	-----	-----	-----	.375	.3750		7/8	-----	-----	-----	.875	.8750
				25/64	.391	.3906					57/64	.891	.8906
			13/32	------	.406	.4062				29/32	------	.906	.9062
				27/64	.422	.4219					59/64	.922	.9219
		7/16	-----	-----	.438	.4375			15/16	-----	-----	.938	.9375
				29/64	.453	.4531					61/64	.953	.9531
			15/32	------	.469	.4688				31/32	------	.969	.9688
				31/64	.484	.4844					63/64	.984	.9844
					.500	.5000						1.000	1.0000

OUNCE TO DECIMAL OF A POUND CONVERSION CHART

OUNCES	POUNDS
1	0.062
2	0.125
3	0.188
4	0.250
5	0.312
6	0.375
7	0.438
8	0.500
9	0.562
10	0.625
11	0.688
12	0.750
13	0.812
14	0.875
15	0.938
16	1.000

FIIG Change List

FIIG Change List, Effective May 7, 2010

This change replaced with ISAC or and/or coding.